

19990712.qrp v01_n516.qrl.990712

Date: Mon, 12 Jul 1999 19:03:19 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1516

QRP-L Digest 1516

Topics covered in this issue include:

- 1) [44848] delete key
by Oscar A Hoyt <k5ubs@juno.com>
- 2) [44849] NOT QRP - Switching Power Supply
by "Kory Hamzeh" <kory@avatar.com>
- 3) [44850] Eastern PA QRP Field Day 1999 Summary
by "Ron Polityka" <wb3aal@talon.net>
- 4) [44851] Nor Cal 40A for Sale
by "Glenn & Erin Maclean" <maclean@ix.netcom.com>
- 5) [44852] SPC? What, another TLA?
by Francis Flynn <fflynn@together.net>
- 6) [44853] Qrp camping adventure
by "Allan K. Davis" <allandavis@mindspring.com>
- 7) [44854] Mercury Paddles
by Jay Bromley <w5jay@alltel.net>
- 8) [44855] For Sale Sony ICF-SW100S short wave receiver for sale
by "Glenn & Erin Maclean" <maclean@ix.netcom.com>
- 9) [44856] Re: SPC? What, another TLA?
by Francis Flynn <fflynn@together.net>
- 10) [44857] Re: SPC? What, another TLA?
by "Jerry Decker" <n5rv@hex.net>
- 11) [44858] Re: SPC? What, another TLA?
by Francis Flynn <fflynn@together.net>
- 12) [44859] Re: SPC? What, another TLA?
by Roger Hightower <n7kt@earthlink.net>
- 13) [44860] QRP-L CD
by Tim <drboom@bright.net>
- 14) [44861] Re: SPC?
by Francis Flynn <fflynn@together.net>
- 15) [44862] TAC Contest Logs Due
by "Ron Polityka" <wb3aal@talon.net>
- 16) [44863] D104 Question
by Tim Pettibone <k5oi@zianet.com>
- 17) [44864] Re: D104 Question
by "Scott" <k2zs@rochester.rr.com>
- 18) [44865] Nor Cal 40A for Sale
by "Glenn & Erin Maclean" <maclean@ix.netcom.com>
- 19) [44866] Nor Cal 40A Sold

- by "Glenn & Erin Maclean" <maclean@ix.netcom.com>
- 20) [44867] arci sprint
by "ke5tc" <ke5tc@crosstel.net>
- 21) [44868] Re: Mercury Paddles
by "curt" <k3ivb@stargate.net>
- 22) [44869] Band width with wit: Hamming too long?
by guillotstutoring@juno.com
- 23) [44870] Field Day Scores/Milliwatt FD
by Jim Stafford <w4qo@amsat.org>
- 24) [44871] Ten-Tec List
by Richard Arland <k7sz@epix.net>
- 25) [44872] Band width with wit: Hamming too long?
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 26) [44873] ARCI Homebrew Sprint July 1999 - AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 27) [44874] Re: arci sprint
by Francis Flynn <fflynn@together.net>
- 28) [44875] Re: Hamming for too long?
by wb2vuo@juno.com
- 29) [44876] Sony ICF-SW100S Receiver sold
by "Glenn & Erin Maclean" <maclean@ix.netcom.com>
- 30) [44877] NOT QRP-but QRP Log Lost on PC
by Robert Wright <rwright@soml.com>
- 31) [44878] Re: arci sprint
by Macstein@aol.com
- 32) [44879] FS: MFJ 15 Meter QRP Xceiver
by Kb4utv@aol.com
- 33) [44880] Re: D104 Question
by Terry Bendell <terryb@bmts.com>
- 34) [44881] Re: New Tampa QRP Club
by Macstein@aol.com
- 35) [44882] 1999 Summer HB Sprint
by "John F Marranca, Jr" <jmarran@juno.com>
- 36) [44883] 2nd Gold Rush is next Sunday!
by "Marshall Emm" <mgemm@ntechnologies.com>
- 37) [44884] identifying twin lead
by Dan Presley <talljazz@teleport.com>
- 38) [44885] Re: Fun & Games with my DK9SQ mast
by Dan Presley <talljazz@teleport.com>
- 39) [44886] Re: Fun & Games with my DK9SQ mast
by Bob Patten <n4bp@bc.seflin.org>
- 40) [44887] Re: [Elecraft] N6KR on 14061 today (intermittently)
by wa8rxi@juno.com
- 41) [44888] Re: [Elecraft] re: K2 SHIRTS and Baseball Caps Address
by dareid@Synopsys.COM
- 42) [44889] 75 ohm balanced line?
by Goran Hosinsky <hosinsky@royac.iac.es>
- 43) [44890] Ten-Tec List

by "Brian J Keegan" <brimail@home.com>
44) [44891] Re: arc sprint
by "DONALD G. DORN" <DDORN@CWIS.NET>
45) [44892] Re: identifying twin lead
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
46) [44893] Re: 75 ohm balanced line?
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
47) [44894] FS: OHR 400
by Harold Elmore <helmore@piasanet.com>
48) [44895] Re: 75 ohm balanced line?
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
49) [44896] KI6DS report on NJ-QRP Meeting
by "George Heron" <n2apb@erols.com>
50) [44897] dk9sq mast
by David Heintzleman <bchurch@megavision.com>
51) [44898] wit -ham too long
by David Heintzleman <bchurch@megavision.com>
52) [44899] FT: S&S Eng. 40M TAC-1
by "John Peregor" <jrperego@alpha.delta.edu>
53) [44900] Announcing new contest! The Michigan Challenge
by "Pete Meier" <pete.meier@lmsna.com>
54) [44901] Re: 75 ohm balanced line?
by Goran Hosinsky <hosinsky@royac.iac.es>
55) [44902] Re: 75 ohm balanced line?
by "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
56) [44903] FS Antique Ten-Tec TX-1
by Stanley Wilson <microres@crl.com>
57) [44904] Hand Mics and speaker mic FS
by "Ken Simpson" <W8EK@fdt.net>
58) [44905] Re: arc sprint
by Chris Cartwright Sr <ccart@phideaux.com>
59) [44906] TX-1 is gone
by Stanley Wilson <microres@crl.com>
60) [44907] Re: Non-QRP: Reduced standards
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
61) [44908] FS: Small Wonders 20MX XCVR
by rhiller@sysdev.com (Rick Hiller)
62) [44909] FS: Rainbow Tuner - Assembled
by "Jim Johnson" <km7h@gte.net>
63) [44910] Re: identifying twin lead
by Lee Bahr <bahr521@earthlink.net>
64) [44911] Re: Identifying twin lead
by Bensondj@aol.com
65) [44912] Re: identifying twin lead
by "George T. Baker" <w5yr@swbell.net>
66) [44913] Help needed:who are the rainbow people
by "Peter Zenker" <Peter_DL2FI@csi.com>
67) [44914] Re: FS Antique Ten-Tec TX-1

by "Paul R. Valko" <prvalko@oakland.edu>
68) [44915] COMPUTER NOISE
by "DONALD G. DORN" <DDORN@CWIS.NET>
69) [44916] Ft. Tuthill, less than two weeks !
by Jerry Parker <jparker@fix.net>
70) [44917] RE: COMPUTER NOISE
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
71) [44918] WM20
by Jeff Gold <JGold@tntech.edu>
72) [44919] Converting AM radios for SW bands (long)
by Neil Klagge <w0yse@juno.com>
73) [44920] ARCI HB Sprint
by "Franco, Nicholas J" <franco@bnl.gov>
74) [44921] Re: ARCI HB Sprint
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
75) [44922] QRP vacation in 7-land
by Allan G Taylor <k7gt@arrl.net>
76) [44923] Re: COMPUTER NOISE
by "Brad Bradfield, PE" <b_bradfield@yahoo.com>
77) [44924] Monitor RFI, etc.
by Larry East <w1hue@amsat.org>
78) [44925] Tentec Triton 4 Digital Info
by Rex E Pickett <heatherex@juno.com>
79) [44926] FS: Goodies!
by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
80) [44927] Smith Chart Program
by Bruce Hopkins - KL7H <kl7h@arrl.net>
81) [44928] 78H12
by "Ed Tanton" <n4xy@att.net>
82) [44929] Re: Ft. Tuthill, less than two weeks !
by Bob Hightower <ki7mn@extremezone.com>
83) [44930] Re: [SETI@HOME]
by "Chuck Adams K5FO" <adams@ticnet.com>
84) [44931] Re: HW-8 BC Interference
by sholisky@ktca.org (Scott Holisky)
85) [44932] ITU contest
by "Steven Weber" <kd1jv@moose.ncia.net>
86) [44933] Lat / Long conversion
by "Dean Marzocca" <n2tnn@ifu.net>
87) [44934]
by wd8civ@att.net
88) [44935] WESTFLA meeting pictures
by Michael Maiorana <mikemo@ibm.net>
89) [44936] Antenna Deployment; wsn-40 net surprize.
by Ed Loranger <we6w@qsl.net>
90) [44937] Re: [SETI@HOME]
by Michael Fletcher <kl7ixi@usa.net>
91) [44938] Re: Lat / Long conversion

by "Dean Marzocca" <n2tnn@ifu.net>
92) [44939] Re: [SETI@HOME]
by Bob Patten <n4bp@bc.seflin.org>
93) [44940] Re: 78H12
by Francis Flynn <fflynn@together.net>
94) [44941] TX-1 caution
by "Mike Czuhajewski" <wa8mcq@erols.com>
95) [44942] Re: HW-8 BC Interference
by "Randy Jouett" <rules@bellsouth.net>
96) [44943] K8IQY Webpage Moved
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
97) [44944] Re: [SETI@HOME]
by Monte Stark <ku7y@dri.edu>
98) [44945] Code Practice CD
by "Frank Matthews" <fmathews@pilot.infi.net>

Date: Sun, 11 Jul 1999 18:08:22 -0500
From: Oscar A Hoyt <k5ubs@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [44848] delete key
Message-ID: <19990711.180822.10294.0.k5ubs@juno.com>

Re deleting the unwanted,
On Juno, with the delete button highlighted, you hit "enter" twice and
its gone...wiped out... What is bad is when you check your email while
you are sleepy... I've done this a couple of times, fall asleep at the
keyboard with finger on the return key and wake up with all email GONE.
Oscar Hoyt, ham since '55, ARRL, QCWA, QRP-L 1733, NORCAL

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 11 Jul 1999 16:42:13 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <qrp-l@lehigh.edu>
Subject: [44849] NOT QRP - Switching Power Supply
Message-ID: <001001becbf7\$00322700\$14ce21c7@tomcat.avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

First, I must say its nice to be back on the air! Finally found someone to install my Carolina Windom in the new house. Its up about 45 feet and works great.

Thanks,
Kory
AC6RN

ARRL FIELD DAY -- 1999

BAND	CW			SSB	SSB		
	QSO	Pts.		QSO	Pts.		
80	61	/	122	13	/	13	
40	10	/	20	49	/	49	
20	34	/	68	66	/	66	
15	56	/	112	0	/	0	
10	6	/	12	23	/	23	

$$= 318 \text{ Total QSO} \quad 167 \quad + \quad 151$$

(334 CW QSO PTS + 151 SSB QSO PTS) x 5 POWER MULTIPLIER + 400 BONUS =
2,825

Equipment Description:

- #1 - TS50 @ 5 Watts into wire vertical (Killer Antenna from June 99 QST)
- #2 - Argonaut 515 @ 5 watts into Hustler Vertical or dual dipole 80m/40m
- #3 - Rigs powered by two 12v deep cycle batteries charged by solar panels

Club Affiliation: Eastern PA QRP CLUB

Date: Sun, 11 Jul 1999 17:28:47 -0700
From: "Glenn & Erin Maclean" <maclean@ix.netcom.com>
To: <qrp-l@Lehigh.EDU>
Subject: [44851] Nor Cal 40A for Sale
Message-ID: <005b01becbfd\$82ed3260\$2cf8d6ce@cessna.texttron.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a Wilderness Nor Cal 40A xcvr with the KC1 keyer/freq read out in
Morse for sale. Works great! \$160.00 firm. Need to make room for the arrival
of my K2.

Glenn WA7SPY
Sacramento, Ca
maclean@ix.netcom.com

Date: Sun, 11 Jul 1999 20:33:57 -0400
From: Francis Flynn <fflynn@together.net>
To: qrp-l@lehigh.edu
Subject: [44852] SPC? What, another TLA?
Message-ID: <378937F4.5EAEAB83@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

>2000-2400Z July 11, CW HF only. Work station once per band.

>Categories:

> - All-band, Single band, High bands, Low bands, Multi-Op, DX.

>Exchange: RST, SPC and ARCI number (non-members send power).

Acronyms drive me nuts.

Ok, I give up! What's an SPC?? Maybe it's one of the beany babies or something, I just don't know.

Seriously, I'd like to submit a log for ARCI HB sprint, thanks in advance for any help.

Fran KM1Z

(TLA is 'three letter acronym')

72

Date: Sun, 11 Jul 1999 20:38:04 -0400
From: "Allan K. Davis" <allandavis@mindspring.com>
To: <qrp-l@lehigh.edu>
Subject: [44853] Qrp camping adventure
Message-ID: <3.0.1.32.19990711203804.00695740@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ive had my share of camping adventures with qrp and bad weather. If anyone has any experience using the Sierra Meteor Light CD tent please let me know what you think of it. In March I froze half to death due to being wet from rain when it was 35 F and I was in a battened down tent. During FD 99 I sweltered in the same tent due to high humidity and got soaked again ! Now its time to come off the hip and buy a backpacking tent for my QRP adventures. Rig - Sierra , MFJ 20m and a Ramsey trans/rec. Thanks for the advice on tents and Please send directly to me so not to offend the QRP list members being that this is not a pure QRP item. And to those that are offended by this message, a thousand pardons.

73
Allan

Date: Sun, 11 Jul 1999 19:45:26 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44854] Mercury Paddles
Message-ID: <37893AA6.D0DACDE6@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After JoAnne and I left the NJ QRP club meeting, we drove to Long Island where we picked up my new Mercury Paddles. What a work of art they are. I am most pleased with them, and they are every thing I expected them to be.

Last week I posted about them, as several had inquired about them. Some were irritated that I did not reveal the name of the guy who is building them, but I was asked not to by Richard, and I honored his request. But yesterday, Richard Stamile, KG2ED, said that I could let the cat out of the bag. Richard's email address is kg2ed@aol.com.

Here are the details. Richard has spent over 2 years working on building a copy of the Mercury Paddles that were designed by N2DAN. It is a copy in every detail, including the Mercury figure on the top. Richard does use a different font to engrave your call, and on the bottom he puts built by KG2ED and the date and serial number.

The cost is \$500, payable in advance, and he will be making one paddle a month. He will take a list, but you will not pay your money until he starts your paddle, i.e. you don't have to send him the money and wait a year for your paddles. Contact Richard for further details. I do know that he has made four paddles. I got serial number 004.

I am not involved in any way with the manufacture or sale of these paddles, I am just a very satisfied customer. I was one of the guys who was going to order a set of original Mercury's from N2DAN, but I waited too long, and he died. I was going to buy a used set, but they quickly went out of sight on price. Then Bencher announced that they were going to produce them, but have not done so as far as I know.

A good friend of mine told me about Richard, and I contacted him and

made my purchase. I showed my wife the paddles, and she has no idea what they are, but when she saw them, she gasped and exclaimed that they were beautiful. Her comment was, "You aren't going to use those are you? They are a work of art!" She just shook her head when I replied that I most certainly was going to use it.

I will have the paddles at Fort Tuthill in two weeks, (can't wait for that one). By the way I have been offline a lot this summer, but I encourage everyone that can make it to go to Fort Tuthill. It is a great area, lots of fun, and the Az. ScQRPions are the best at making sure that you feel welcome. JoAnne and I will be arriving on Thursday, July 22nd and camping in the QRP campgrounds. Hope to see you there.

Tomorrow, we are leaving for the Rochester NY area where I am going to have dinner with Gary and Brad of TiCK fame, and if Brad brings his digital camera, I'll see if I can get some digital pictures of the paddles up on the web.

72, Doug, KI6DS

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Date: Sun, 11 Jul 1999 17:54:02 -0700
From: "Glenn & Erin Maclean" <maclean@ix.netcom.com>
To: <qrp-l@Lehigh.EDU>
Subject: [44855] For Sale Sony ICF-SW100S short wave receiver for sale
Message-ID: <008701becc01\$09ae3d00\$2cf8d6ce@cessna.texttron.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry when I posted my Nor Cal 40A for sale forgot to put this in also:
I have a Sony ICF-SW100S short wave receiver for sale. Battery operated or external power supply. AM FM upper and lower sideband in excellent condition and works great! Power supply, ear droplets, active antenna original box and manuals included. \$260.00 This is a very portable receiver it will fit in your shirt pocket!

Glenn WA7SPY
maclean@ix.netcom.com

Date: Sun, 11 Jul 1999 21:25:14 -0400
From: Francis Flynn <fflynn@together.net>
To: Joel Malman <malman@world.std.com>, qrp-1@lehigh.edu
Subject: [44856] Re: SPC? What, another TLA?
Message-ID: <378943FA.E0889AEE@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks, I appreciate all the replies from the list. I am ready to submit my substantial log of 6 contacts now.

:)

Joel Malman wrote:

> What's an SPC??
>
> "State / Province / Country".
>
> State for USA folks.
> Province for Canada.
> Country for all others.
>
> --
> /joel K1QM Concord, MA
> QRP-L 337, QRP-ARCI 9305

Date: Sun, 11 Jul 1999 20:26:32 -0500
From: "Jerry Decker" <n5rv@hex.net>
To: <fflynn@together.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44857] Re: SPC? What, another TLA?
Message-ID: <000b01becc05\$945a4800\$0201a8c0@jdecker>

I've seen this question asked a few times and I hope that I am not stepping out of bounds by answering it, but it means; State, Province, or Country.

I did like the response of "Special Person Code" in a previous post on the subject.

Hope this helps.

72

N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969
Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW
ARRL Member

----- Original Message -----

From: Francis Flynn <fflynn@together.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, July 11, 1999 7:33 PM
Subject: SPC? What, another TLA?

> >2000-2400Z July 11, CW HF only. Work station once per band.
> >Categories:
> > - All-band, Single band, High bands, Low bands, Multi-Op, DX.
> >Exchange: RST, SPC and ARCI number (non-members send power).
>
> Acronyms drive me nuts.
>
> Ok, I give up! What's an SPC?? Maybe it's one of the beany babies or
> something, I
> just don't know.
>
> Seriously, I'd like to submit a log for ARCI HB sprint, thanks in
> advance for any help.
>
> Fran KM1Z
>
> (TLA is 'three letter acronym')
>
> 72
>
>

Date: Sun, 11 Jul 1999 21:39:33 -0400
From: Francis Flynn <fflynn@together.net>
To: Jerry Decker <n5rv@hex.net>, qrp-l@lehigh.edu
Subject: [44858] Re: SPC? What, another TLA?
Message-ID: <37894755.7F9AF23B@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks, I think that an acronym should be described at least once in any document, particularly in a published set of contest rules. Why generate more questions than provide answers? Just my humble little opinion.

ff, km1z

Jerry Decker wrote:

> I've seen this question asked a few times . . .

Date: Sun, 11 Jul 1999 18:56:07 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: fflynn@together.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44859] Re: SPC? What, another TLA?
Message-ID: <3788E8C7.866F2147@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After all the semi-facetious replies to Nils' question, thought I'd jump in and clear it up. SPC stands for State/Province/Country. You just send whichever applies to you. U.S. hams send State, VE hams send Province, others send Country.

--
73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Mon, 12 Jul 1999 02:56:57 -0400
From: Tim <drboom@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44860] QRP-L CD
Message-ID: <378991B9.4C47D49@bright.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

Just recieved my QRP-L CD, just wanted to say thanks to Paul W8KC, and to let all know that this thing is worth the \$10 bucks I spent and much more.

It's a wealth of information, and I would suggest that if you are even thinking about getting one, you should go ahead and do it, you won't regret it one bit...

Thanks for the speedy service Paul...

Tim NM8Y

Date: Sun, 11 Jul 1999 22:22:00 -0400
From: Francis Flynn <fflynn@together.net>
To: n7kt@earthlink.net, qrp-l@lehigh.edu
Subject: [44861] Re: SPC?
Message-ID: <37895148.ACAD3EAF@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thank you, that clears it up perfectly. I never expected the large number of responses. I am the originator of the question by the way, at least today. For the sake of putting it to rest, I have a sufficient answer to my question.

Thank you all very much.

Fran Flynn, KM1Z

(sometimes qrp, other times qro)

73/72

Roger Hightower wrote:

> After all the semi-facetious replies to Nils' question, thought I'd jump
> in and clear it up. SPC stands for State/Province/Country. You just
> send whichever applies to you. U.S. hams send State, VE hams send

> Province, others send Country.
> --
> 73, de Roger, N7KT
> qrp-l #62, NorCal #1099, Zombie #006
> Mesa, AZ 85202

Date: Sun, 11 Jul 1999 22:43:06 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [44862] TAC Contest Logs Due
Message-ID: <001201becc10\$460183c0\$a7e508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Everyone,

 Last call for the TAC Contest Logs. They have to be
sent in via e-mail on the 15th of July or post marked
no later than the 15th of July via snail mail.

 Please turn in the log even if you made 5 contacts.
You never know, you could receive an award.

72 & 73
Good DXing
Ron de WB3AAL
wb3aal@talon.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.kpsnet.com/wb3aal/Start_Page.htm
Eastern Pennsylvania QRP Club Call --> N3EPA

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal #	Zombie #625
Bumblebee #15	

SETI @ Home Project
<http://setiathome.ssl.berkeley.edu>

Date: Sun, 11 Jul 1999 20:44:16 -0600
From: Tim Pettibone <k5oi@zianet.com>
To: qrp-1@lehigh.edu
Subject: [44863] D104 Question
Message-ID: <02441660910587@zianet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, it's kinda QRP related, not that that seems to be an overwhelming criterion lately... I've acquired a vintage D104 mike (to replace the long gone one of my earlier ham career). It's the one with the T-UG8 stand with the built-in amplifier. I'm trying to figure out the purpose of the "E-R" switch inside the base. Anybody help? I have a wiring schematic but that doesn't help much. I promise, it will only be used for QRP contacts. Thanks.

Tim K5OI

p.s. Waiting to go to Ft. Tuthill but with business trips to Monterey, Mexico and La Jolla, CA in between. I know, I know, but somebody has to do the dirty work!

Date: Sun, 11 Jul 1999 22:57:13 -0400
From: "Scott" <k2zs@rochester.rr.com>
To: <k5oi@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44864] Re: D104 Question
Message-ID: <003601becc12\$3ecc3300\$3eca5f18@rochester.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Electronic or relay tr switching.

Date: Sun, 11 Jul 1999 19:58:24 -0700
From: "Glenn & Erin Maclean" <maclean@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [44865] Nor Cal 40A for Sale
Message-ID: <008401becc12\$6951d1c0\$b0ebd3c6@cessna.textron.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Nor Cal 40A has been sold.
Thanks,
Glenn WA7SPY

----- Original Message -----
From: Glenn & Erin Maclean <maclean@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Sent: Sunday, July 11, 1999 5:28 PM
Subject: Nor Cal 40A for Sale

> I have a Wilderness Nor Cal 40A xcvr with the KC1 keyer/freq read out in
> Morse for sale. Works great! \$160.00 firm. Need to make room for the
arrival
> of my K2.
>
> Glenn WA7SPY
> Sacramento, Ca
> maclean@ix.netcom.com
>

Date: Sun, 11 Jul 1999 20:00:03 -0700
From: "Glenn & Erin Maclean" <maclean@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [44866] Nor Cal 40A Sold
Message-ID: <009401becc12\$a4263e80\$b0ebd3c6@cessna.textron.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Nor Cal 40A has been sold.
Thanks, glenn WA7SPY

Date: Sun, 11 Jul 1999 22:04:37 -0500
From: "ke5tc" <ke5tc@crosstel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [44867] arci sprint
Message-ID: <005501becc13\$72cdfde0\$426c1ece@ke5tc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I thought I would have the only 6 contact ARCI HB Sprint Log...
Still it was fun and code speed is improving..
Was it my rcvr? 20 meters was up and down this afternoon here in OK.
72 Royce ke5tc

Date: Sun, 11 Jul 1999 23:14:51 -0400
From: "curt" <k3ivb@stargate.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [44868] Re: Mercury Paddles
Message-ID: <001d01becc14\$b597f6c0\$47b8a6d1@Curtk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

. ----- Original Message -----
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, July 11, 1999 8:45 PM
Subject: Mercury Paddles

I was one of the guys who
> was going to order a set of original Mercury's from N2DAN, but I waited
> too long, and he died.

Yea, me too!

Then Bencher announced that they were going

> to produce them, but have not done so as far as I know.

I will be getting the "Bencher" Mercury in next week or two,
they are being engraved with my call now.

Look what Steve started, Mercury Mania :-)

Curt
K3ivb

Date: Sun, 11 Jul 1999 22:15:45 -0500
From: guillotstutoring@juno.com
To: qrp-l@Lehigh.EDU
Subject: [44869] Band width with wit: Hamming too long?
Message-ID: <19990711.221545.-939161.2.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Abt 20 years ago some hams would tell CBers to solder a channel 2 crystal to a 3 and get a channel 5 crystal, bury antenna for a better ground wave, or connect several 50 ft sections of transmission line with the largest in diameter first RG8 followed by more progressively smaller diameter sections then to the antenna thus giving the signal a squirting effect. Ed

Ed Guillot, N5ED, New Orleans, LA
qrp-l#1951, qrp-parci#3988, ARRL(life)

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 11 Jul 1999 23:32:58 -0400
From: Jim Stafford <w4qo@amsat.org>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [44870] Field Day Scores/Milliwatt FD
Message-ID: <378961EA.18AAFD1@amsat.org>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Still more clubs/groups have posted on the QRP ARCI FD Results/Soapbox page - <http://www.qsl.net/k4zol/guestbook/guestbook.html> If you have not yet posted your info, why not now? If you post your info, you will have to hit the RELOAD key when the summary page pops up in order to be able to see your info.

Also, for a few years, clubs have been entering the Milliwatt FD - <http://www.qrparci.org/mwfd.htm> If you were doing FD using milliwatts, please send in your entry. In fact, there are divisions for every power class, but we especially want to recognize any Milliwatters (go Bob, W03B!) -

Just send a copy of your ARRL entry to:
Joe Gervais AB7TT
(ATTN: Milliwatt FD)
PO Box 322,
Peoria, AZ 85380-0322,
or email ASCII-text entries to <vole@primenet.com>

That's it.

--

Jim Stafford, W4QO 770-993-9500 VP - QRPARCI #6515
+++The THRILL is back - QRP - what ham radio is all about!
+++<http://www.qrparci.org>

Date: Sun, 11 Jul 1999 23:37:50 -0400
From: Richard Arland <k7sz@epix.net>
To: qrp-l@lehigh.edu
Subject: [44871] Ten-Tec List
Message-ID: <3789630E.660B2737@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I know that there are at least two Ten-Tec reflectors. One is at qth.net (which I have already subscribed to). Anyone know what the URL is for the other one?

73 es tn timer.

Rich K7SZ

Date: Mon, 12 Jul 1999 13:53:36 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44872] Band width with wit: Hamming too long?
Message-ID: <378966C0.3298BF40@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

guillotstutoring@juno.com wrote:

> Abt 20 years ago some hams would tell CBers to solder a channel 2 crystal
> to a 3 and get a channel 5 crystal, bury antenna for a better ground
> wave, or connect several 50 ft sections of transmission line with the
> largest in diameter first RG8 followed by more progressively smaller
> diameter sections then to the antenna thus giving the signal a squirting
> effect. Ed

Back in them ol' days I ran a large electronics retail business in
Australia, (no not Dick Smith) with the admittedly salubrious name
"Electronic Enthusiast's Emporium"

A frequent visitor/customer was a radio inspector (the dreaded R.I.) who
among his duties had to investigate complaints re C.B. interference. He of
course was also a licensed AR operator so we know where his sympathies lay.

At that time even local tobacconists/hairdressers were flogging C.B. sets. I
modestly say the only business which never sold the infernal devices was YT.

His favourite advice to C.B.ers was "make sure your antenna lead is securely
and heavily stapled every few inches, with heavy duty fencing staples, to
your house - make sure there are no loose bends, they have to be real tight
snug 90 deg fits around corners, bend the coax hard first and hammer in more
staples quite hard at those points".

Other advice he gave, unfortunately it could not be posted here on this
reflector.

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

"Three out of five Web experts agree that frames are the work of the devil and represent all that is evil about the Web. The remaining two experts are agnostic and think that frames are just a stupid idea" -

Date: Sun, 11 Jul 1999 20:00:25 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [44873] ARCI Homebrew Sprint July 1999 - AL7FS
Message-ID: <37896859.6121A93D@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The day started off very poorly and I finally walked away for a break from the noise. Only 3 QSOs the first hour. I could not get to KF7ET, K5ZTY (big sig), N0IBT, or VE7PEB during that first hour. When I came back to the rig at 2230 things got hot for about 40-45 minutes and I ran off 13 QSOs in less than 45 minutes. By then, it was time to take the family out for a hike on the coastal trail. I signed myself clear at 2312Z and called it a day. Thanks go to all who took the time to work me. It made my day.

The surprises included KB3WK (MD) and N4ROA (VA)...even K8CV (MI), AB5UA (OK) and K5AAR (OK) slipped in there. Signals were very bursty and tended to go away after a few minutes.

BTW, I am sure that must have been N5URL calling me at 2250Z but I just could not pull and honest copy on the whole callsign. Sorry. Maybe next time.

Total Score: 68 QSO pts X 9 S/P/C X 7 (<5watts) +5000 bonus=9284
Rig was Kenwood OHR Spirit running 2.9 watts. Antenna was KLM KT34A at 40 feet.

--

73, Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska
<mailto:al7fs@qsl.net>
ICQ 11022915

Date: Mon, 12 Jul 1999 00:01:43 -0400
From: Francis Flynn <fflynn@together.net>
To: ke5tc@crosstel.net, qrp-1@lehigh.edu
Subject: [44874] Re: arci sprint
Message-ID: <378968A6.4DDC4CA6@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I didn't spend a lot of time at it, having worked iaru this weekend also. But I figured I should at least make some contacts and submit a log since I get 5,000 points just for putting together a kit transciever. It was fun too, by the way, and that's what's most important!

ke5tc wrote:

> I thought I would have the only 6 contact ARCI HB Sprint Log...
> Still it was fun and code speed is improving..
> Was it my rcvr? 20 meters was up and down this afternoon here in OK.
> 72 Royce ke5tc

Date: Mon, 12 Jul 1999 00:05:05 -0400
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [44875] Re: Hamming for too long?
Message-ID: <19990712.000506.-188635.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The signal suirting effect of progressively smaller coax was printed up as an April Fools article back in either 1965 or 1966, not in QST but in Electronic Illustrated. I hadn't heard that one in aeons!

Several of the local hams of W20QY's "Class of '65" had the local CB

community convinced that the better the RX in a transceiver, the poorer the TX was, and actually were convincing enough to get a couple of locals to tighten all the slugs in the RX side down to get the maximum Smoke on TX!

A couple of the CB'ers from back in that era are now hams, and in the QCWA in the area. I won't mention calls, but they still remember their transceiver retuning!

Another one that dates someone is if they remember the "Bat-Wing" Antenna, a perfect 1:1 SWR, no TVI and small enough to hang on the wall behind the desk. Another April special from Electronic Illustrated. There were a bunch of decent QRP articles in the Ham Radio side of that mag, including a RP tube transmitter with a B-I-G wire-wound pot in the screen to cut the power to milliwatts. I wish I still had those mags, but they've been gone for 25+ years from my collections.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
My night light runs more power than my Rig!!!

BTW: From the same era, a note of caution to use good Hose Pipe between the Gozouta and the Antler, this from the VHF Glosseragator, but it also applies to QRP...

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Sun, 11 Jul 1999 21:05:56 -0700
From: "Glenn & Erin Maclean" <maclean@ix.netcom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [44876] Sony ICF-SW100S Receiver sold
Message-ID: <000201becc1d\$0cc668c0\$8eebd3c6@cessna.textron.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Sony ICF SW-100S Short wave receiver has been sold.
Thanks Glenn WA7SPY

Date: Sun, 11 Jul 1999 21:17:50 -0700
From: Robert Wright <rwright@soml.com>
To: qrp-l@Lehigh.EDU
Subject: [44877] NOT QRP-but QRP Log Lost on PC
Message-ID: <199907120417.VAA10688@sub.sonic.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dear QRP Gang,

While defragging my Toshiba PC, an error occurred and I seem to have a corrupted Extended Partition table whatever that might be. Would any of you with helpful PC knowledge re this please email me privately? I would like to fix this thing, as my E: drive disappeared with my QRP log! ACK!

Thanks in advance for any possible help,

VY 72,
Bob K7RRW
Norcal #201

Date: Mon, 12 Jul 1999 00:18:27 EDT
From: Macstein@aol.com
To: ke5tc@crosstel.net, qrp-l@lehigh.edu
Subject: [44878] Re: arci sprint
Message-ID: <2c4047c.24bac693@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

In a message dated 7/11/99 10:14:05 PM EST, ke5tc@crosstel.net writes:

> I thought I would have the only 6 contact ARCI HB Sprint Log...
> Still it was fun and code speed is improving..
> Was it my rcvr? 20 meters was up and down this afternoon here in OK.
> 72 Royce ke5tc

Ohhhh Noooo. I got to operate all of 28 minutes and had to go do some work. I got only 8 contacts, but 20 sure wasn't full by any means. WB4JJJ, K5ZTY and W3BBO were loud and solid the whole time I was on, and Chris N3XRV was LOUD here in FL, but you had to look up above the RTTY to get him! I really like these sprints. I agree, Royce, fun, but my fist wasn't cooperating

today. I had to send my NR to Jim K4AGT 5 times and I think I sent three different numbers! (It was either him or Gerald N5RV) Sri Guys!

-MAC-
KF4KSM

Date: Mon, 12 Jul 1999 00:23:52 EDT
From: Kb4utv@aol.com
To: qrp-l@lehigh.edu
Subject: [44879] FS: MFJ 15 Meter QRP Xceiver
Message-ID: <699fd822.24bac7d8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have a just purchased MFJ 9015 CW QRP xceiver for sale. Have original box and manual. Trying to save money for a TT Argonaut. Will let go for \$115 and I will ship. Made only about 10 QSO's on it as I have had the radio about a 3 weeks. Has not been mobile. No keyer or filter installed, stock version. 72/73 John KB4UTV

Date: Mon, 12 Jul 1999 00:20:36 +500
From: Terry Bendell <terryb@bmts.com>
To: <k5oi@zianet.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [44880] Re: D104 Question
Message-ID: <199907120421.AAA18093@Alice.BMTS.Com>
MIME-Version: 1.0

Hi Tim,

it is to switch between Electronic (E) or Relay (R) to accomadate various transceivers.

On 1999-07-11 k5oi@zianet.com said:

>Well, it's kinda QRP related, not that that seems to be an
>overwhelming criterion lately... I've acquired a vintage D104 mike
>(to replace the long gone one of my earlier ham career). It's the

>one with the T-UG8 stand with the built-in amplifier. I'm trying
>to figure out the purpose of the "E-R" switch inside the base.
>Anybody help? I have a wiring schematic but that doesn't help
>much. I promise, it will only be used for QRP contacts. Thanks.
>Tim K5OI
>p.s. Waiting to go to Ft. Tuthill but with business trips to
>Monterey, Mexico and La Jolla, CA in between. I know, I know, but
>somebody has to do the dirty work!

Terry Bendell

Net-Tamer V 1.11.2 - Test Drive

Date: Mon, 12 Jul 1999 01:34:56 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [44881] Re: New Tampa QRP Club
Message-ID: <72086fcd.24bad880@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, the first meeting of the West Florida QRP club was a winner in my book.
Thanks to those who got it off and running, the TBARS/TARC clubhouse (and
whoever brought the doughnuts!)

I was like a kid in a candy store!

Mike Maiorana, KU4QO brought the original "Elmer SW40+" and a MARVELOUS small
diameter, copper tube loop ant (with an amazing, original adjustment knob), a
Desert Ratt Regen, homebrew solar panels and tuner. He has made a PVC form
used to wind coils that is ingenious!

George, KF4CPJ, had two of the neatest little paddles (gotta get one of those
gold ones), and a "bathtub" key he picked up in England (I didn't find the
guy when I was there, George, but I'm going back.)

Some of you guys are phenomenal craftsmen. Roger's Altoids keyer was a
masterpiece! Simple, clean and functional.

Steve's K2 got a lot of attention and Jeff had one in progress. What a dream
rig! Steve, by the way, wins the patience award for helping me tweak my
NC20's offset. Thanks again bud!

Fred, W2XN (fellow fox hunter!) is patiently (NOT!) waiting on his OHR 100 to arrive from Marshall, but got to oogle Bill's OHR 400. I met Cecil from the St. Pete Club, Bobby, Bud from the Tampa Club and others I'm leaving out for no good reason except a bad memory.

The door prizes were fun, even if I didn't get the St. Louis QRP Amp kit (sour grapes!) I thought we were gonna give away Steve's K2?!?!?!? My number (5) was the same as my old draft lottery number so I knew it was not a winner!

No, I didn't take my attic dipole for show and tell. The magic, Brian, has something to do with equal amounts of itchy, blown insulation down each pants leg, coupled with just the right angle of light from the mini-mag-lite held in your mouth while you solder the legs to the center insulator while hanging monkey-fashion from the trusses. (It won't work right if you pre-measure and solder on the ground before hauling the mess up the steps/ladder/boardwalk/trusses.) Using your son/daughter's plastic blocks for insulators is mandatory, but the add-on fan for 20 meters is an optional feature. Don't fool with it - just order one of NJ-Joe's "Gushers" and throw it up a tree!

The neat thing about the meeting was common interests and willingness to help/share experiences. As good as pics on the web are, there's nothing like holding something in your hands and asking questions directly! One or two ops heard the info on the 2 meter talk-in repeater and came to investigate. If you aren't near a QRP club, just announce one and kick it off!

Our next one is August 14 (I think), so if you are withing driving distance.... be welcome in Tampa. (Bob, N4BP, you can still spend the night with us!)

-MAC-
KF4KSM

Date: Mon, 12 Jul 1999 01:48:48 -0400
From: "John F Marranca, Jr" <jmarran@juno.com>
To: qrp-l@lehigh.edu
Subject: [44882] 1999 Summer HB Sprint
Message-ID: <19990712.014858.-113215.2.JMarran@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

TKS to all of those who made this event great fun for me!! I also am one who didn't get a chance to OP the whole event-my new son, Aron helped on

that one. After one hour, he wanted nothing else to do with QRP, but I did pretty well. 40 meters was poor here in Buffalo, NY, but the new antenna helped. My Ten Tec PM 1 didn't see the contest, after a last-minute decision change...so out came the Novice station: the Ramsey QRP-40 and the Hammarlund HQ-170. The TX was fine as usual, but the HQ-170 drifted quite a bit. This was due to not being used...and the obligatory "neglect dust". After warming up, though, the HQ-170 was just as peppy as she used to be.

So, 4640 points will NEVER win awards, but it was fun to do the QRP thing!!!

72

John KB2HSH

PS: N1EI: what were you running for gear?! SRI about the 229-HI

Date: Mon, 12 Jul 1999 00:06:45 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: CQCList@cqc.org, qrp-1@lehigh.edu
Subject: [44883] 2nd Gold Rush is next Sunday!
Message-ID: <199907120605.AAA05941@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/enriched; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

<bold><color><param>0100,0100,0100</param><FontFamily><param>Times New Roman</param><bigger><bigger>The Great Colorado Gold Rush</bold><smaller><smaller>

<bold><italic>Sunday, July 18, 1999

</italic>Sponsored by the Colorado QRP Club

</bold>It was Colorado, 1859. A land swindler had just published the first issue of

the Rocky Mountain News in the settlement that would become Denver. A year earlier, small placer gold deposits were found in that old settlement, near the confluence of the South Platte River and Cherry Creek. And then came the big gold strikes! George Jackson discovered gold in Chicago Creek near Idaho Springs. John Gregory made his famous gold strike not far away, in Clear Creek Canyon. Prospectors dreaming of riches poured into the new gold camps of Central City, Black Hawk, Boulder, Colorado City, Gold Hill, Hamilton, Tarryall, and Pueblo. The fever ran high. The Great Colorado Gold Rush had

begun!

Barely a century and a half later, the rush is on again. This time it's the rush to work all states, the rush to join the ranks of DXCC, the rush to sound like a kilowatt but driven only by milliwatts!

In honor of our state's colorful history and the excitement and challenge of QRP, the Colorado QRP Club proudly announces The Great Colorado Gold Rush. This will be a QRP amateur radio contest of unparalleled magnitude, of incredible dimensions, of such unbelievable proportions that---well, it's really just a summer sprint. Two fast hours of heavy fist pounding. Do your best. Have fun. And good luck in the contest.

<bold>When: Sunday, July 18, 1999

Time: 2000-2200 UTC

Band: 20 meters only

Mode: CW only

Power: 5W maximum

Classes: W, V, B, P

W--WIRE: single element wire; including dipoles, random wires, Zepp, doublets, inverted V, slopers, single element loops, inverted L, etc.

V--VERTICAL: verticals; including single element, ground plane, trapped vertical, or anything with vertical polarization and more or less omnidirectional pattern.

B--BEAM: multi-element arrays/beams; including beams, multi-element loops, phased verticals, V-beam, rhombic, etc.

P--PORTABLE: non-mobile temporary field station; may use any type of

antenna.

If you are not sure about your antenna class, send us a description ASAP via E-mail to rschneid@ix.netcom.com. Operations may be conducted with different antennas provided all antennas are in the same class.

Exchange: RST + SPC + Class + CQC Member # or Pwr Out. Examples: 559 C0 V
345 -or- 559 CT P 5W.

Multiple Contacts: The same station may be worked up to three times during the contest, provided a minimum of 30 minutes has elapsed since the last QSO with the same station.

Scoring:

3 points for first contact with a station.

2 points for second contact with the same station.

1 point for third contact with the same station.

Multipliers: all multipliers count once over all. Multipliers are SPC's and CQC members worked.

Final Score: QSO Points x SPC x CQC Members = Total Score

Logs: Submit logs showing time (UTC), callsign, exchange and QSO points for each station worked, show totals of multiplier points. Example:

Time	Call	SPC	Ant	Mem#/Pwr	Pts
2005	W0CQC	C0	V	132	3
2012 N1FN	CT W	151		3	

2036 W0CQC	CO	V	132	2
2037 KA80M	MI	P	5W	3
2115 W0CQC	CO	V	132	1

Totals 3 2 12

Dupes: W0CQC - 2005 2036 2115

SPC: CO CT MI

CQC#: 132 151

Please include a scoring summary, an alphabetical dupe sheet showing times and calls of multiple contact stations, SPC's and CQC Member numbers. Also include a description of your equipment, antenna(s) used, and power output. Send your comments on the contest. All submissions must indicate entry class and your mailing address including e-mail address if available.

Log Deadline: Logs must be postmarked or emailed no later than 30 days post-contest (August 18, 1999). Logs received after this deadline will be used as check logs only.

Mail: CQC Gold Rush, c/o CQC, POB 371883, Denver CO 80237-1883

E-mail: <FontFamily><param>Arial</param>{ GOTOBUTTON BM_1_ <color><param>0000,0000,FF00</param><FontFamily><param>Times New Roman</param>rschneid@ix.netcom.com<color><param>0100,0100,0100</param><FontFamily><param>Arial</param>}<color><param>0000,AA00,0000</param><FontFamily><param>Times New Roman</param>. All E-mail submissions should be in ASCII format only. And you must include a scoring summary.

Awards: Awards will be given for the highest score in each class, for the highest score in each state, and for the highest score from a DX station (including Canada).

<nofill>
73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Mon, 12 Jul 1999 00:22:57 -0700
From: Dan Presley <talljazz@teleport.com>
To: qrp-1@LeHigh.edu
Subject: [44884] identifying twin lead
Message-ID: <v0300780ab3af470777cd@[216.26.61.37]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Anyone have experience in identifying the value of unmarked twin lead?? I came across a quantity of this, and guess it's either 300 or maybe 75 ohms, like they used to give away with your stereo reciever to use as an fm antenna. Also, if it is 75 ohms, is it worth messing with to use for a feeder for a dipole (or actually, a tuneable 'all-band' zepp)?

Dan Presley
talljazz@teleport.com
(503) 232-8244
pager (503) 229-8682

Date: Mon, 12 Jul 1999 00:02:44 -0700
From: Dan Presley <talljazz@teleport.com>
To: jayFreem@direcpc.com
Cc: qrp-1@LeHigh.edu
Subject: [44885] Re: Fun & Games with my DK9SQ mast
Message-ID: <v03007809b3af41de415c@[216.26.61.37]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Jay-I also got one of these masts last week, so it's fun to hear what you've come up with. I plan to make a modified anchor that I use on my 'SLV'-using the 12" spike with a pvc adaptor to hold the bottom of the mast.I figure that a 2' piece should work. I'll also check out the auger that you suggested. I'm using one of the gusher lightweight dipoles which I can clip to the mast at the top. The center insulator is a light pvc cap modified to work, and seems to hold up fine.Let us know what you find out.

Dan Presley-N7CQR-Portland, Or QRP-L #502

Date: Mon, 12 Jul 1999 03:31:21 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Dan Presley <talljazz@teleport.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44886] Re: Fun & Games with my DK9SQ mast
Message-ID: <Pine.3.89.9907120317.C10196-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Jul 1999, Dan Presley wrote:

For Field Day, we simply laid it against one of the support poles for our shelter at the camp ground and secured it with two bungee cords, one at the bottom and the other at the top of the support. Worked perfectly.

73,

Bob Patten, N4BP (0 0) Plantation, FL
-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 12 Jul 1999 09:04:30 -0400
From: wa8rxi@juno.com
To: n6kr@elecraft.com
Cc: elecraft@qth.net, qrp-l@Lehigh.EDU
Subject: [44887] Re: [Elecraft] N6KR on 14061 today (intermittently)
Message-ID: <19990712.090458.-150915.3.wa8rxi@juno.com>
MIME-Version: 1.0

Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yes!!

My first K2 QSO was with QRP Hall of Famer and QRP idea guy Wayne, N6KR.
Most of the day was spent doing honey dues (?) and yard work.
Therefore I didn't read my e-mail until this evening at 0045Z (2045 EDT).
I thought I would miss our sked setup for 2100Z.
But, true to his word he was listening and heard my first call!

Ladies and gentlemen this little Rig is absolutely great!!
I enjoyed and took my time building it.
I love the modular concept and having 'no wires' makes it easy to put
together.

Wayne, appreciate the QSO and hope you caught some of the others.

73, Rick - WA8RXI
K2 - Serial# 00171

=====

On Sun, 11 Jul 1999 11:50:07 -0700 Wayne Burdick <n6kr@elecraft.com>
writes:
>I'm going to park on 14061.0 today in hopes of having a sked with Rick,
WA8RXI.
>I'll be listening at 2PM my time for sure (2100Z), but probably for most
of the day, too.
>I'd love to work some of you guys and hand out K2 signal reports :)
>
>73,
>Wayne

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 12 Jul 1999 11:18:16 +0200
From: dareid@Synopsys.COM
To: elecraft@qth.net, QRP-L@lehigh.edu
Subject: [44888] Re: [Elecraft] re: K2 SHIRTS and Baseball Caps Address
Message-ID: <199907120918.LAA07547@goofy.gr05.synopsys.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Content-Transfer-Encoding: 7BIT

----- Original Message -----

From: <k5zty@juno.com>

To: <elecraft@qth.net>

Sent: Friday, July 09, 1999 6:43 PM

Subject: [Elecraft] re: K2 SHIRTS

>

> > Two people have offered shirts to the group and neither one of them has

> > given an address to reply to . Everyone on the list doesn't do web

> > sites. Bill, K5ZTY Houston, TX

> > #182

OK Bill, point taken,

Here is an ASCII version of my webpage:

Elecraft K2 Owners T-Shirts from PA3HBB

Available to owners of the Elecraft K2 transceiver Kit

Limited Edition T-Shirts

The T-Shirts are high-quality 100% cotton and washable.

The sizes available are Medium, Large and XL ONLY

The Text on the T-Shirt reads:

YOUR_CALLSIGN / YOUR_NAME

Proud owner of the K2 QRP rig

And the Photograph below the text is the front view of the K2.

High Quality T-Shirt (100% Cotton)

Advertise that you are the proud owner of a K2

Low cost (16.00 USD) including shipping to USA!

European prices are:

22.00 Deutschemark

24.00 Dutch Guilden

8.00 UK Pounds

Send check/cheque to:

D.A.Reid
Leenderweg 46
NL-5591 JE Heeze
The Netherlands

Remember to give you size, callsign and name with your order.
If you include an email address, I'll let you know when it ships...

Remember this is a limited offer - I only have so many shirts...
and only so much time away from my K2!

Date: Mon, 12 Jul 1999 09:16:53 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: qrp-l@lehigh.edu
Subject: [44889] 75 ohm balanced line?
Message-ID: <3789B285.4D62F8B@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone know where I can get hold of 20' of 75 ohm
balanced line to feed a portable loop?
73
Goran ea8yu

Date: Mon, 12 Jul 1999 06:29:53 -0400
From: "Brian J Keegan" <brimail@home.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [44890] Ten-Tec List
Message-ID: <003201becc51\$7cdb0ba0\$12960318@cc1016490-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You can find the archives for the other reflector at:

http://www.contesting.com/_tentec

Brian KF2HC

Date: Mon, 12 Jul 1999 10:59:31 -0500
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: ke5tc@crosstel.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44891] Re: arci sprint
Message-ID: <378A10E3.22E4@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Quote:

Was it my rcvr? 20 meters was up and down this afternoon here in OK.
72 Royce ke5tc

No, it wasn't your rcvr, Royce. I think everybody had the same problem.

Don K5AAR Lake Eufaula, OK
<http://homepages.infoseek.com/~ddorn>

Date: Mon, 12 Jul 1999 12:03:52 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <talljazz@teleport.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [44892] Re: identifying twin lead
Message-ID: <009d01becc56\$71fe5660\$f6ea5cc3@prsat0x1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Why not stick a suitable resistor at the end and check for SWR?

Frank G3YCC G QRP 042, G QRP Sales Officer.
QRP web page <http://www.karoo.co.uk/g3ycc/>

----- Original Message -----

From: Dan Presley <talljazz@teleport.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, July 12, 1999 8:22 AM
Subject: identifying twin lead

> Anyone have experience in identifying the value of unmarked twin lead?? I
> came across a quantity of this, and guess it's either 300 or maybe 75
ohms,
> like they used to give away with your stereo reciever to use as an fm
> antenna. Also,if it is 75 ohms, is it worth messing with to use for a
> feeder for a dipole (or actually, a tuneable 'all-band' zepp)?
>
> Dan Presley
> talljazz@teleport.com
> (503) 232-8244
> pager (503) 229-8682
>
>
>

Date: Mon, 12 Jul 1999 12:02:23 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <hosinsky@royac.iac.es>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [44893] Re: 75 ohm balanced line?
Message-ID: <009c01becc56\$6e4ac440\$f6ea5cc3@prsat0xl>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You can usually buy it from your local ham shop (I haven't got one though!).
I have used telephone flat twin lead for the same sort of thing and it seems
to do the job OK.
There is a firm in UK that specialises in RF cables, they do seel 75 ohm
twin I know.

...
Frank G3YCC G QRP 042, G QRP Sales Officer.
QRP web page <http://www.karoo.co.uk/g3ycc/>
----- Original Message -----
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, July 12, 1999 10:16 AM
Subject: 75 ohm balanced line?

> Does anyone know where I can get hold of 20' of 75 ohm
> balanced line to feed a portable loop?
> 73

> Goran ea8yu
>

Date: Mon, 12 Jul 1999 06:10:10 -0500
From: Harold Elmore <helmore@piasanet.com>
To: qrp-1@Lehigh.EDU
Subject: [44894] FS: OHR 400
Message-ID: <3789CD11.B31E9616@piasanet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

OHR 400 and DD-1 for sale. Excellent condition.

\$275 plus shipping.

Reply to helmore@piasanet.com

Date: Mon, 12 Jul 1999 07:46:35 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Frank G3YCC <frank@g3ycc.karoo.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44895] Re: 75 ohm balanced line?
Message-ID: <Pine.GS0.4.10.9907120727430.24548-1000000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There are two types of 75-Ohm twinlead: a very light weight version intended for test lead and similar functions and a heavier transmitting version. At least in the US, the heavier version is no longer made and may only be available on a scrounging expedition. It may still be made in Europe.

One difficulty with 75-Ohm twinlead is that it cannot be made with an air dielectric and the standard round wires, since at that characteristic impedance, round wires of most sizes would have to touch (according to standard equations for parallel lines. Hence, the use of a dielectric of some other material is necessary.

Some folks press into duty heavy cables, such as those made for battery connection duty. However, the RF properties of the insulation may be

unknown, and thorough testing at the intended frequency of use should be done before using them. For some applications, where no power to speak of is involved, one can press line cord into service after testing its RF properties at the frequencies of interest.

Air lines can be made from paralleling flat strap, so that the area between the opposing lines is increased. The characteristic impedance desired would have to be determined experimentally and adjusted by adjusting the spacing between the straps. However, the result can be a self-supporting line suitable for short lengths in loops, LPDA lines, and similar applications. One can also use channel stock or L-stock aluminum for such lines--the angled edges being convenient for making connections in LPDA and similar applications.

Hope these notes may be useful--if not now, then later when a 75-Ohm parallel line application comes to light.

-73-

LB, W4RNL

Date: Mon, 12 Jul 1999 08:02:21 -0500
From: "George Heron" <n2apb@erols.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [44896] KI6DS report on NJ-QRP Meeting
Message-ID: <00d001becc66\$ebbfd220\$89ceaccf@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

[Doug Hendricks, KI6DS asked me to post this for him, as he's still on the road. And what a meeting it was ... thanks for stopping by Doug!]

Wow what a fun day. Saturday, JoAnne and I were pleased to travel to Princeton, NJ for the monthly meeting of the NJ QRP Club. We drove the back roads down from Connecticut so we could see some of the beautiful Hudson River Valley. Take my advice and make the drive some day, it is beautiful country.

We met George at the Holiday Inn where he had arranged for

us to stay, and we went out to dinner at TGI Fridays after he arrived at about 7 PM. Since JoAnne and I got there about 4, I was able to take a 2 hour nap before dinner. (That turned out to be a wise decision, as I did not get to bed until 2 AM).

After dinner, George and I spent the next 5 1/2 hours talking about all kinds of QRP items, and George filled me in on all types of plans that they have for Atlanticon 2000. Believe me, it will be an exciting event that you want to be sure and mark as a must do QRP event in 2000. George also told me about his plans to start a new QRP journal, for the NJ QRP Club, It will be called the QRP Homebrewer. George will announce the details later if he hasn't already, but it will be a great addition to QRP.

Saturday we got up and were joined at breakfast by Joe Everhart, N2CX. Great to see Joe again. Soon, we were on our way to the Forrestal Mall, and the NJ QRP Club meeting. What a fun experience that was. There were about 40 QRPers at the meeting, and it was fun putting faces to the names on the qrp-l guys. Plus, I got to see old friends, David Maliniak, plus wife Lisa and beautiful daughter Sophie, Tony Colaguari, T.J. (Skip) Arey, Ron Polityka and the group from Eastern PA, Dave, John, John Jr, and Ed (sorry I don't remember last names), the famous Clark Fishman, Ken Newman and many others.

If you have never been to a NJ meeting, it is fun. Exactly like a NorCal meeting. Plenty of laughter, table after table of qrp projects, guys swapping stories, trading ideas, shaking hands meeting new people, and renewing old friendships. They hold the meetings in the food court of the Forrestal Mall, and they have an area that they sort of "take over". Great fun. I encourage all of you to attend if you are in the area. Visit the NJ QRP web site for details on directions to the meetings and when they are.

I would like to thank George Heron and all of the rest of the NJ guys for the wonderful time that I had. It sure made me feel like I was back in California at the NorCal meeting. The only difference was the people and the faces, everything else was the same, pure QRP fun!

72, Doug, KI6DS

Date: Mon, 12 Jul 1999 11:54:44 +0100
From: David Heintzleman <bchurch@megavision.com>
To: qrp-1@Lehigh.EDU
Subject: [44897] dk9sq mast
Message-ID: <3789C974.22AA8413@megavision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I've put my mast clamped to a roof tripod - using 5 tuned radials from a couple of radial kits for an old cushcraft ap8A quarter wave vertical, the radials are for 80/40/30/20, fed with ladder line to make a ground plane- am having very good performance on 40-15 mtrs, haven't tried other bands yet - am using MFJ differential T for the roller inductor in it

Dave K8BBM, Columbus, NE ARCI QRP 6354 MI Qrp 124 QCWA 24662

Date: Mon, 12 Jul 1999 11:59:12 +0100
From: David Heintzleman <bchurch@megavision.com>
To: qrp-1@Lehigh.EDU
Subject: [44898] wit -ham too long
Message-ID: <3789CA80.98735DEF@megavision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I lost the original and very funny (I thought) message, "hamming too long" would someone please forward me a copy?
Thanks, Dave K8BBM QCWA 24662

Date: Mon, 12 Jul 1999 08:07:30 -0400
From: "John Peregor" <jrperego@alpha.delta.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [44899] FT: S&S Eng. 40M TAC-1
Message-ID: <000b01becc5f\$1f76ee80\$0a136ec6@default>
Mime-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Would like to trade my 40M TAC-1 for your bug or QRP gear of equal value.
Slight scratches on readout but can only be seen at right light. Very nice
5W out 7.0 to 7.15 in 100hz steps. Audio filter and RIT.

73 de John/KB8UMD

Date: Mon, 12 Jul 1999 08:16:48 -0400
From: "Pete Meier" <pete.meier@lmsna.com>
To: <qrp-1@Lehigh.EDU>
Subject: [44900] Announcing new contest! The Michigan Challenge
Message-ID: <000f01becc60\$6a0e4780\$81e0c026@lmsna.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

This information is also posted on the Michigan QRP Club web page out
<http://www.tir.com/~k8dd/miqrp.htm>

Chapter 3 of the Michigan QRP Club is announcing a new QRP contest:

The Michigan Challenge - Saturday, August 21, 1999 from 1600 UTC to 2000 UTC

This 4 hour CW sprint is meant to promote an event combining Amateur Radio with a visit to your local or state park. It is sponsored by Chapter 3 of the Michigan QRP Club. The "challenge" is simple. Visit a local or state park, set up your station and work as many other stations as possible. While operating try to locate and work the designated "FOXES" operating from Michigan for added bonus points. You may enter the contest as an individual, group or club. There may be only one station per contestant entry. The station may be operated by any number of operators. A unique and attractive certificate will be awarded for the winning entries.

Suggested Contest CQ Call - " CQ CQ MC TST"

Exchange - RST , SPC, Power output (designated Foxes will also send "Fox")
(Examples of exchanges - 579 MI 5W FOX, 599 OH 900MW, 469 Ont 100W)

Operating frequencies in kHz (+/-) 7040, 14060, 21060 and 28060 (WARC not allowed)

Scoring - (QSO Points x SPC multiplier x Pwr multiplier x QTH multiplier) +
Fox bonus points

QSO Points (Based on the power output reported by stations you worked during the contest)-

1 pt for each QRO station worked (>5 w)
3 pts for each QRP station worked (1 to 5w)
5 pts for each QRPP station worked (<1w)

SPC multiplier - Total number of States / Provinces/ Countries worked

Pwr multiplier - Your highest power output used during the contest:
1 for QRO(>5w), 3 for QRP (1 to 5w) and 5 for QRPP (<1w)

QTH multiplier - 2 for operation from a state or local park, 1.5 for other afiield ops, and 1 for homebased operation

Fox bonus points - 1,000 for each QSO with a designated FOX station

Scoring example:

Station operates from a local park using a 4 watt output and works 2 designated Foxes.

Station has the following QSOs: 18 QRO stations worked = 18
25 QRP stations worked = 75
6 QRPP stations worked = 30
Total QSO points = 132

Total SPCs worked 32

Station score: QSO Pts = 123
SPC Multipiler = 32
Pwr Multiplier = 3
Qth Multiplier = 2
 $(123*32*3*2) = 23,616$
Plus Fox bonus pts = 2,000
MC Contest Score = 25,616

Contest logs are to be submitted by no later than September 21, 1999 to:

Pete Meier WK8S
4181 Rural
Waterford, MI 48329

Log must contain the following information:
Callsign used during the contest and contest operators
Operating Location

Highest output power used during the contest
QSO details - Time, callsign, exchange details (state, output power)
Your mailing address.
Please also include details regarding equipment and antenna used, as well as
any other interesting event or occurrence which happened during the contest
which others may be interest in reading about.

Date: Mon, 12 Jul 1999 12:31:52 +0000
From: Goran Hosinsky <hosinsky@royac.iac.es>
To: Frank G3YCC <frank@g3ycc.karoo.co.uk>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44901] Re: 75 ohm balanced line?
Message-ID: <3789E038.820B59A4@royac.iac.es>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Frank, my next local ham shop is on mainland Spain,
a couple of hours by air. The catalogues I have do
not show it anymore. Do you have the http or phone
number of that UK firm?

It makes a lot of fun visiting your web page!

73
Goran ea8yu

Frank G3YCC wrote:

>
> You can usually buy it from your local ham shop (I haven't got one though!).
> I have used telephone flat twin lead for the same sort of thing and it seems
> to do the job OK.
> There is a firm in UK that specialises in RF cables, they do seel 75 ohm

Date: Mon, 12 Jul 1999 13:40:45 +0100
From: "Frank G3YCC" <frank@g3ycc.karoo.co.uk>
To: <hosinsky@royac.iac.es>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [44902] Re: 75 ohm balanced line?
Message-ID: <00f001becc63\$c84a6560\$f6ea5cc3@prsat0x1>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WH Westlake, Clawton, Holsworthy, Devon EX22 6QN
Tel 01409 253758 Fax 01409 253458
Best wishes and thanks for the comments on my web page!

...

Frank G3YCC G QRP 042, G QRP Sales Officer.

QRP web page <http://www.karoo.co.uk/g3ycc/>

----- Original Message -----

From: Goran Hosinsky <hosinsky@royac.iac.es>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, July 12, 1999 1:31 PM

Subject: Re: 75 ohm balanced line?

> Frank, my next local ham shop is on mainland Spain,
> a couple of hours by air. The catalogues I have do
> not show it anymore. Do you have the http or phone
> number of that UK firm?

>

> It makes a lot of fun visiting your web page!

>

> 73

> Goran ea8yu

>

>

> Frank G3YCC wrote:

> >

> > You can usually buy it from your local ham shop (I haven't got one
though!).

> > I have used telephone flat twin lead for the same sort of thing and it
seems

> > to do the job OK.

> > There is a firm in UK that specialises in RF cables, they do sell 75 ohm

>

Date: Mon, 12 Jul 1999 06:18:39 -0700 (PDT)

From: Stanley Wilson <microres@crl.com>

To: qrp-l@Lehigh.EDU

Subject: [44903] FS Antique Ten-Tec TX-1

Message-ID: <Pine.SUN.3.91.990712061409.10139A-1000000@crl4.crl.com>

Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have been pulling out some stuff for selling at a Hamfest and thought someone on the qrpl list would appreciate this more than the average ham.

I have a TX-1 which is a Ten-Tec QRP transmitter for 80,40 and 15 meters from 1970 era. These were board kits no case, etc.. Uses a FT-243 type crystal and 12 vdc battery. I think these were the same one later used in the PM-2 or PM-3.

\$30 shipped in the USA.

de stan AK0B

Date: Mon, 12 Jul 1999 09:54:17 -0400
From: "Ken Simpson" <W8EK@fdt.net>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [44904] Hand Mics and speaker mic FS
Message-ID: <026101becc6e\$0948fe00\$58f7fea9@kensimps>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

When one cleans out a bit, it is surprising what surfaces from some of the corners.

I ended up with some microphones that are surplus to my needs.

Icom 4 pin hand mic. No number on it, but appears to be low Z "standard" mic used by Icom when they were using 4 pin connectors. Excellent shape. \$ 20

Icom HM-10 "scanning" mic. This one has an 8 pin plug, and has scan, up/down features, etc., right from the mic. Still in the box. \$ 40

Icom HM-36 up/down mic, 8 pin plug, new. \$ 55

Kenwood SMC-31 speaker mic for use on Kenwood TH-21/31/41 and many other Kenwood HTs. \$ 25

Yaesu MH 18 A2b speaker mic. This is the small speaker mic that fits many HTs. \$ 25

Prices do not include shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson
E-Mail to W8EK@fdt.net
<http://www.gnv.fdt.net/~kenmar>
Voice Phone (352) 732-8400

Date: Mon, 12 Jul 1999 09:53:13 -0400 (EDT)
From: Chris Cartwright Sr <ccart@phideaux.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44905] Re: arci sprint
Message-ID: <Pine.LNX.4.04.9907120932420.5652-1000000@dns.phideaux.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Jul 1999 Macstein@aol.com wrote:

> Chris N3XRV was LOUD here in FL, but you had to look up above the RTTY
> to get him!

Damn that HW9 dial :) I just looked for a "clean" spot to plunk (or is that plink?) my 200mW into. 14 Q's, 10 states, 9600 points, all with a folded dipole laying on my roof. Many thanks to call the great ears out there!! I also heard AL7FS and HP1AC, and tried to "will" my mW's to bridge the gap, but they just wouldn't do it. K5ZTY was loud all afternoon, but couldn't find the center of his filter. I wasted some time on 15, and went to 40 in the last hour. Seab, AA1MY, threw me a curve with the NY QTH, just when you *think* you know what the exchange will be... :) The last QSO of the 'test was with W1RFI on what sounded suspiciously like the TT2 :)

72 all y'all

-- Chris Cartwright,	Technical Engineer		ccart@phideaux.com	--	
-- N3XRV	ARRL-VE	Norcal Zombie #163		Gaithersburg, MD FM19je	--

-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

Date: Mon, 12 Jul 1999 07:01:51 -0700 (PDT)
From: Stanley Wilson <microres@crl.com>
To: qrp-l@Lehigh.EDU
Subject: [44906] TX-1 is gone
Message-ID: <Pine.SUN.3.91.990712070031.12065A-100000@crl.crl.com>
Mime-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gee what a demand wish I had more. Thanks fellows. de stan

Date: Mon, 12 Jul 1999 10:27:18 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [44907] Re: Non-QRP: Reduced standards
Message-ID: <3789FB46.51B5@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

> It is consistant of the ARRL to once again be behind this push to
> lower the bar.....in the 45+ years that I have been a ham they have
> always been leading the "lowering" charge.

I will make only one quick observation on this off-topic post, then
please, let't take it off line and argue by direct email.

I have compared the study guide for the 1964 Novice exam, then the usual
entry point for most newcomers, against the 1999 Technician study guide,
the 1999 entry point. In 1964, there were 4 pages devoted to the Novice
exam, with 39 questions, covering only the most basic of fundamentals.
I took that exam and, IMHO, the actual questions and the study questions
were virtually identical.

In 1999, one must study a book larger than a QST, with a question pool
of 715 questions to pass the Technician exam, the current typical entry
level. There are more questions in the pool than there were sentences

in the 1964 Novice study guide, so even if one memorizes only the correct answers, they have learned more than they did by memorizing the entire 4 pages in 1964.

If the restructuring goes through, the entry level HF license will be the General. If the General were to require passing the current material, the applicant would have to study 1,045 questions in the pool.

Compare this to the 39 questions in 1964. Odd how the "lowering of standards" has led to an increasing amount, and scope, of material that must be learned to enter ham radio. Can we really wonder why we are seeing fewer new hams of late?

73,
Ed Hare, W1RFI
ARRL Lab

Date: Mon, 12 Jul 1999 09:43:15 -0400
From: rhiller@sysdev.com (Rick Hiller)
To: qrp-l@Lehigh.EDU
Subject: [44908] FS: Small Wonders 20MX XCVR
Message-ID: <3.0.32.19990712094307.006a7be0@sysdev.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Folks,

I have for sale a Small Wonders Lab SW+ 20 meter transceiver kit. Still in Kit form, in fact still in the bags as received. With manual, of course.

I bought it to build a backpacking station but my plans have changed.

\$45 and I'll ship. (It is \$55 new.)

Thanks....Rick...W5RH....Houston

rhiller@sysdev.com

Rick Hiller
Manager, Business Development
System Development, Inc. Houston, Texas
(713) 266-5667

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- CAD

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Date: Mon, 12 Jul 1999 07:52:13 -0700
From: "Jim Johnson" <km7h@gte.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [44909] FS: Rainbow Tuner - Assembled
Message-ID: <000101becc76\$21e7d000\$57fe2399@km7h>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fully assembled and battery included. No enclosure - just the board. Will send Priority mail for \$23. Documentation included.

Jim Johnson, KM7H
Mukilteo, WA
QRP ARCI #3497

Date: Mon, 12 Jul 1999 09:57:14 -0500
From: Lee Bahr <bahr521@earthlink.net>
To: frank@g3ycc.karoo.co.uk
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44910] Re: identifying twin lead
Message-ID: <378A024A.78D62701@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dan: The impedance of a parallel feedline is:

$Z_0 = 276 \log 2S/d$
 Z_0 = characteristic impedance in ohms
 S = center to center distance between conductors
 d = outer diameter of conductors (in the same units as S)
One last thing: All commercial lines use nominal rounded off published impedance specs. That is 288 ohm line would be stated as 300 ohm line. 425 ohm line would be stated as 400 ohm line, etc.
Hope this helps.
Lee Bahr w0vt Houston, Texas

Frank G3YCC wrote:

>
> Why not stick a suitable resistor at the end and check for SWR?
>
> Frank G3YCC G QRP 042, G QRP Sales Officer.
> QRP web page <http://www.karoo.co.uk/g3ycc/>
> ----- Original Message -----
> From: Dan Presley <talljazz@teleport.com>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Monday, July 12, 1999 8:22 AM
> Subject: identifying twin lead
>
> > Anyone have experience in identifying the value of unmarked twin lead?? I
> > came across a quantity of this, and guess it's either 300 or maybe 75
> > ohms,
> > like they used to give away with your stereo receiver to use as an fm
> > antenna. Also, if it is 75 ohms, is it worth messing with to use for a
> > feeder for a dipole (or actually, a tuneable 'all-band' zepp)?
> >
> > Dan Presley
> > talljazz@teleport.com
> > (503) 232-8244
> > pager (503) 229-8682
> >
> >
> >

Date: Mon, 12 Jul 1999 11:13:46 EDT
From: Bensondj@aol.com
To: qrp-l@lehigh.edu
Subject: [44911] Re: Identifying twin lead
Message-ID: <da2f3f01.24bb602a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Lee Bahr (W0VT) wrote:

>>Dan: The impedance of a parallel feedline is:

$Z_0 = 276 \log 2S/d$

Z_0 = characteristic impedance in ohms

S = center to center distance between conductors

d = outer diameter of conductors (in the same units as S)

One last thing: All commercial lines use nominal rounded off published impedance specs. That is 288 ohm line would be stated as 300 ohm line.

425 ohm line would be stated as 400 ohm line, etc.

Hope this helps.

Lee Bahr W0vt Houston, Texas <<

Good stuff! :-) That expression is for a 'free-space' value, the presence of insulating material lowers the characteristic impedance somewhat. In any case, it's 'close enough'.

BTW- there's a easy method for measuring line characteristic impedance, at least to the accuracies we need- it involves measuring capacitance (or inductance) per unit length.

73- Dave, NN1G

Date: Mon, 12 Jul 1999 10:17:01 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: talljazz@teleport.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44912] Re: identifying twin lead
Message-ID: <378A06ED.13EF896A@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

300 ohm twinlead has the conductors about 3/8 inches apart. 75 ohm twinlead has the conductors about 1/16 inches apart. I haven't seen any of the 75 ohm stuff in many years. We used it to feed dipoles directly and the 300 ohm twinlead to feed folded dipoles made from the same stuff.

Using 75 ohm twinlead with an all-band antenna would encounter the same problems as feeding the antenna with 75 ohm coax: possible high SWR and attendant high voltages and currents on the line, which the twinlead could not handle too well. Might be ok with QRP-level voltages but

high-SWR losses could be unacceptable.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Dan Presley wrote:

>

> Anyone have experience in identifying the value of unmarked twin lead??

Date: Sat, 10 Jul 1999 23:20:32 +0200
From: "Peter Zenker" <Peter_DL2FI@csi.com>
To: "'QRP-L via PoP3'" <qrp-l@lehigh.edu>
Subject: [44913] Help needed:who are the rainbow people
Message-ID: <000001becb1a\$0ff8bba0\$39669fc1@zenkerpn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dear QRP fellows,
last year in Dayton some young QRPers showed their prototype of the Rainbow Antenna Analyzer. I got many requests by DL-QRP-AG members to publish such a project in our QRP-Report. If possible I would like to make it available as a kit for the German QRPers.

Can you help and give me an adress of a contact person or are you a member of the rainbow group?

72 de Peter, DL2FI
DL-QRP-AG chairman
QRP-Report publisher

Date: Mon, 12 Jul 1999 11:37:07 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Stanley Wilson <microres@crl.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44914] Re: FS Antique Ten-Tec TX-1
Message-ID: <Pine.OSF.3.95.990712113135.19307C-1000000@saturn4.acs.oakland.edu>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Jul 1999, Stanley Wilson wrote:

> I have a TX-1 which is a Ten-Tec QRP transmitter for 80,40 and 15 meters
> from 1970 era. These were board kits no case, etc.. Uses a FT-243 type
> crystal and 12 vdc battery. I think these were the same one later used
> in the PM-2 or PM-3.

Stan is selling the transmitter board from the Power Mite 1. It's one of the modules from the MR-1 kit as seen on:

<<http://www.acs.oakland.edu/~prvalko/tentec.htm>>

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Mon, 12 Jul 1999 15:38:04 -0500
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: Low Power Amateur Radio Discussion <QRP-L@LEHIGH.EDU>
Subject: [44915] COMPUTER NOISE
Message-ID: <378A522B.62FC@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings,
I have a homebrew 10M xcvr which works FB but my computer wipes it out. It appears that the monitor is the culprit. I tried passing the computer/monitor cable through a torroid (FT 200-61), used a couple of turns, but it did not have any effect. Any suggestions are welcome.

Don K5AAR Lake Eufaula, OK

Date: Mon, 12 Jul 1999 08:55:50 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [44916] Ft. Tuthill, less than two weeks !
Message-ID: <3.0.6.32.19990712085550.00b6bec0@fix.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Less than two weeks to Ft. Tuthill !

Want to check your favorite toy out. Done !
Niel Skousen WA7SSA says he will be bringing a
scope and service monitor (IFR-1500) if you need
to test something.

The list of PreRegistered attendees is already
up over 70 and still growing.

Ron Stark KU7Y tells me that ARCI will be adding
a DSW40 (or band of choice) to the prize list, WOW !

Mike Czuhajewski WA8MCQ says QRP ARCI will also add to
that Three one-year subscriptions/renewals to the
QRP Quarterly !

Mike is also personally offering a subscription/renewal
to NorCal's QRPP !

New Jersey QRP Club is going to give away the last
Fireball 40 QRPP Tx produced "s/n 600". They will even
include the 1.5W Amp and TiCK Keyer options !

Then there is the great QRP Symposium schedule.

The AZSQRPions have lined up an All Star cast for the seminars as follows:

0900-1000 Paul Harden NA5N... Propagation, Regenerative receivers, etc.

1000-1100 Ron Stark KU7Y & Chuck Adams K5FO.... QRP contesting

1100-1200 Ed Hare W1RFI ...RF Interference to Hams
... Lunch

1300-1400 Dr. Jim Duffey KK5MC , Dr. Kent Torell AB7OA , Dr. Chuck Adams K5FO
.....The Doctor is in
..... (Questions from floor and Answers?)

1400-1500 Dan Tayloe N7VE.... The Tayloe Switching Mixer

1500-1600 Gary Surrency AB7MY....Modifications to the Norcal 20 meter
transceiver

1600-1730 Notables(Dave Benson waves at crowd, etc. Others to be determined)

1600-1800 qrp building contest judging - Doug H, Chuck A, Paul H

1800-0200 camp BBQ, etc.

Bob Hightower KI7MN says "Saturday evening is the bring your own meat cook-out, with the other edibles being provided by the ScQRPions. This is always a lot of fun, and has traditionally been the birthplace of some fine contests, such as FYBO, BUBBA, the run for the borders, etc. We'll see what the group comes up with this year".

I love this hobby !

Best of all there are those attending, you know, the ones you have worked on the bands, read their articles in the publications, used equipment they have designed, built, manufactured etc., bought/traded equipment with, exchanged ideas on QRP-L with, you know, folks like YOU!

Check out this list of over 70 preregistered already!

1. Bob Hightower KI7MN
2. Bertie Hightower N7XJW
3. Brian Kassel W5VB0
4. Mike Connor NQ7K
5. Kent Torell AB70A
6. Joe Gervais AB7TT
7. Roger Hightower N7KT
8. Dave Kelley AI7R
9. Linda Kelley N7WMI
10. Ron Stark KU7Y
11. Chuck Adams K5F0/7
12. Jim Duffey KK6MC
13. Dan Tayloe N7VE
14. Paul Harden NA5N

15. Scott Hogin K7ZEN
16. Dave Benson NN1G
17. Dave Fifield AD6A
18. Ed Hare W1RFI
19. Jim Cates WA6GER
20. Doug Hendricks KI6DS
21. Larry Wise KA5T
22. Doug Hauff KE6RIE
23. Jerry Parker WA6OWR
24. Gary Surrency AB7MY
25. Melissa Surrency KB7MML
26. Jay Miller WA5WHN
27. Judy Miller WB5LYJ
- 28 Tom Whalen WB5QYT
29. Jerry Haigwood W5JH
30. Maryjane Hogin KD7CKN
31. Sam Imai KF6ML
32. Bob Cortez KF6CXC
33. Gody Siason AC6UV
34. John Moriarty, K6QQ
35. Bob Parks K6AEC
36. Jeff Davis, N9AVG
37. Tim Pettibone K5OI
38. Jim Boyle K6JMB

39. Sally Boyle K6X0X
40. Norm Melick KQ6SD
41. Veda Henson KF6HSK
42. Floyd Smithberg NQ7X
43. Larry East W1HUE
44. Mark Monninger AA7TA
45. Mary Monniger N7XUZ
46. Steve Schroder KI0KY
47. Jeff Johnson KJ7LO
48. Jamie Johnson KC7MQY
49. John Nystedt KJ7YN
50. Jim Lowman AD6CW
51. Judy Lowman W6YBS
52. Dave Yarnes W7AQK
53. Bert Davidson W2G0B
54. John Humphrey W4IM
55. Bill Chambers N6GDY
56. Greg Farkas AK7Y
57. William Phinizy K6WHP
58. Gary Hembree N7IR
59. Linda Trujillo
60. Nick Kennedy WA5BDU
61. Verne Wright W6MMA
62. Carol Stark

63. Richard Kendrick N7NT

64. Gary Scott KT7K

65. Gary Bonebrake W5BI

66. Denny Adamson, K8MSC

67. Jan Medley N0QT

68. Bob Nielsen W6SWE

69. Niel Skousen WA7SSA

70. Hal Bergeson W0MXY

71. Don Vester KH6JT

72. JoAnne Hendricks

I will have special PreRegistration Name Tags for you made by
Loretta Parker N6WGC !

Once again many folks from all parts of the hobby are pulling together to
make this a super event.

There is the unique flavor of this QRP get together and the hospitality
of the AZ SQRPsions!

To the suppliers, clubs, and all those QRP'ers who are involved, THANK YOU !

Here is the prize list as it stands so far:

A certificate good for one DSW40 (or band of choice)
from ARCI

Red Hot rig from Dave Fifield of Red Hot Radio

A Norcal 20 from the Northern California QRP Club

Compact iambic key/keyer with knee mount
from Bob Hammond of The Paddlette Company

One Fireball 40 QRPP Tx + 1.5W Amp and TiCK Keyer options
from the New Jersey QRP Club

This FB40 is s/n 600 the *last* FB40 kit to be produced,
they are now all gone!

SuperTICK keyer kit and a TICK-4
EMB from Brad and Gary, the TICK guys at Embedded Research

A W6MMA St. Louis Vertical from Verne Wright W6MMA

A Custom NorCal 20 Enclosure from Doug Hauff KE6RIE

Two VE3DNL marker generators from Jay Bromley and
the Ft. Smith QRP Club

Three PK-2 keyer chips with documentation
from Chuck Olson WB9KZY at Jackson Harbor Press

A W6MMA St. Louis Vertical from Verne Wright W6MMA

A couple of NorCal shirts from Jerry Parker and the NorCal QRP Club

Three one-year subscriptions/renewals to the QRP Quarterly
from QRP ARCI

A one year subscription or renewal to QRPP from Mike Czuhajewski WA8MCQ

Thats the latest as I have it. Excited, yes I am !

Enjoy,,,C U THERE !

72,,,Jerry...WA6OWR...K

The Official Ft Tuthill Page

<http://www.extremezone.com/~ki7mn/tut99.htm>

The ScQRPions Home Brew Contest

<http://www.fix.net/~jparkernorcal/fttuthill/homebrew.htm>

Date: Mon, 12 Jul 1999 11:01:36 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <DDORN@CWIS.NET>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [44917] RE: COMPUTER NOISE
Message-ID: <000001becc7f\$d2320940\$d8016f81@uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Try changing the resolution and/or refresh rate. It may not make the problem go away completely but it will change the harmonic characteristics and change the interference pattern. Are you getting hash (noise continuously all over) or are you getting "birdies?"

You problems doesn't come from the cabling but directly from the yokes on the monitor. Cheap shielding (no shielding).

Kevin, WB5RUE

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> DONALD G. DORN
> Sent: Monday, July 12, 1999 3:38 PM
> To: Low Power Amateur Radio Discussion
> Subject: COMPUTER NOISE
>
>
> Greetings,
> I have a homebrew 10M xcvr which works FB but my computer
> wipes it out.
> It appears that the monitor is the culprit. I tried passing the
> computer/monitor cable through a torroid (FT 200-61), used a couple of
> turns, but it did not have any effect. Any suggestions are welcome.
>
> Don K5AAR Lake Eufaula, OK
>

Date: Mon, 12 Jul 1999 11:14:43 -0500
From: Jeff Gold <JGold@tntech.edu>

To: QRP-L #98 <qrp-l@lehigh.edu>
Subject: [44918] WM20
Message-ID: <019d01becc81\$a6c61740\$4d0b9595@cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Well all,

put the WM20 in the case. I didn't really finish tuning up the SSB tx. Did everything possible that myself and a EE person could think of. The rig on Rec is fine and seems to transmit voice clearly, but only seem to get 1 watt out on SSB peaks.

Worked some of the contest on Sat. Did make about 4 US contacts, all said I was weak, but copied all info. Then later worked Hungry. Think this would be great if it could get about 5-10 watts out. Was testing with my Ten Tec Corsair turned down and didn't have much luck below 5 watts, did ok when I cranked the power up all the way to 5 watts.

72

Jeff

PS.. I ordered Steve Weber's amp kit, so will get a chance to test my theory

Jeff M. Gold, Manager
Academic Computing Support
Tennessee Technological University
Information Technology Services

Date: Mon, 12 Jul 1999 10:13:59 -0600
From: Neil Klagge <w0yse@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [44919] Converting AM radios for SW bands (long)
Message-ID: <19990712.101400.-279583.2.w0yse@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For all who asked and others who might:

I start with a working AM radio that has GOOD selectivity. Dont pick one of those cheap "kids" toys. It should have at least 2 IF amplifiers as

well if you want to use it on the ham bands. I will assume that you know how a superhet radio works for the moment and will try to describe what I generally do. There won't be a parts list as each radio needs to be experimented with individually.

There will be an antenna coil, with a small secondary winding going to the first transistor, the autodyne converter (or mixer circuit). Take note of where those wires are attached as you are going to replace the antenna coil with your own parallel tuned circuit and its secondary winding of 2 or 3 turns which will go to these two points. If you don't have a grid dip meter then just try this: Take a plastic pill bottle or film "can" of about an inch in diameter and wind 'about' 20 to 30 turns of #20 (or #24) wire around it. As you are winding it, make several tap points for later experimentation. Wind another 2 or 3 turns around the bottom (ground) end and attach this secondary winding to the above noted points in your radio. Attach a variable capacitor of 100 or more picofarads across the ends of the big coil and an antenna wire at one of the taps near the bottom end of the coil. Ground the bottom end of the coil to the common ground of the radio. At this point you should be able to receive some foreign broadcast in the evenings at various spots on the dial (along with some of the nearby BC stations in your area). These will probably be in the 6 to 10 MHz range. If you receive foreign BC stations in the middle of the day, they are probably up around 15 MHz. Your radio is now using harmonics of the oscillator to mix with the incoming signal to produce a beat frequency (sum or difference) of 455 kHz (the intermediate frequency of your radio).

Now suppose you wanted to tune in WWV on 5000 kHz. You would need to set the dial of your radio on 1060 kHz. so that the oscillator would be operating on 1515 (=455kHz higher) so that its third harmonic would be on 4545 kHz. so that it would mix with the WWV signal at 5000 kHz and produce a difference signal of 455 kHz. which the converter injects into the I.F. amplifier of your AM radio(my English teacher would kill me for writing such a long sentence). Waaalla! Out comes the WWV audio from your speaker. Try this before you continue so that you know all it working to this point.

To improve your radio, you need to raise the frequency of the oscillator and maybe reduce its frequency range a bit as you narrow it down to your target band. To do this, find the trimmer screw on the smaller section of the main tuning capacitor. Adjust it to get the oscillator to operate at a higher frequency. This will pull it away from the AM BCB signals and allow you to use the lower harmonics to achieve better results. {Your tank circuit (the coil you wound) will need to be a high Q circuit to reject all the other signals that will beat with other harmonics of the oscillator and try to come in at the same place on the dial as the desired signal. So don't load down the tank circuit by attaching the antenna at a tap too far above the ground end of the big coil.} You can

also raise the oscillator frequency by opening the circuit between the oscillator section of the capacitor and the rest of the radio and insert a few pF of capacitance or a trimmer of your own such as the 5-50 pF type at Radio Shack.

You can use the upper taps on the coil to short out some of the turns on your coil to bring in the higher frequency bands. Also, to detect CW and SSB you will need to make an outboard Beat Frequency Oscillator (BFO) circuit at 455 kHz. I like to use a Hartley circuit (tapped inductor) as I have found them to oscillate more easily at that frequency. These circuits are in the various handbooks. I leave that for you to research on your own.

This should be enough info to get you started on a great learning adventure. Let me know how you make out. Hope you find this as fun as I did.

72 , Neil, w0yse, a QRP-L digest reader.

"Of all the things I've lost, I miss my mind the most."

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Date: Mon, 12 Jul 1999 12:36:41 -0400

From: "Franco, Nicholas J" <franco@bnl.gov>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [44920] ARCI HB Sprint

Message-ID: <698DB793D712D31180B600902746422D17C386@exchange01.bnl.gov>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Well I had a blast yesterday in the sprint and got to work several familiar calls including Ed - W1RFI and yes it sure sounded like he may have been using that trusty TT2 of his.

I didn't get into the shack until 2100 or so cuz I was busy screwing up some woodworking project in the shed - phew! I started out just under 1W but then cranked it down to about 500 mW where I began working stations. I was doing OK but in order to run the Homebrew category I had to stay on 40m. I only secured about 6 Q's in this configuration. I was then hailed for supper and we had a guest so my operating was interrupted for about 1 hour. I resumed my position at about 2305 or so and had less than 1 hour of the

fun left.

I switched over to the Icom 728 so I could take advantage of the filtering and finer VFO tuning. On the commercial rig I could only go down to 2W - my normal operating power. I was able to log another 8 contacts at the higher power level. It was hard to find clear spots to call CQ (although I did get a couple of attempts in). When I heard Ed - I wanted to stay clear to give him some rock bound room to have fun. Seab was dominating a small chunk of the band, banging away like gang busters all contest (good going AA1MY).

I used the little serial port interface I built up and the XMLLOG's XCW keyboard approach. It was the first experience at working the computer into the NW-40 kit (which I used during my first 6 Q's). It was very comfortable to use the memories and also jump in with the keyboard. Of course I had the paddles also connected in case of a panic attack, but I actually used the keyboard for the entire event and did OK with it.

Hope you all had equally enjoyable experiences. I did realize that I need a kit for other bands. Most of my HB stuff is for 30, 40, and 80 meters which limited me to 40m for this contest.

Have a great day all,
72,

Nick - kf2ph . .
QRP-L # 13

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Mon, 12 Jul 1999 12:54:19 -0400
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [44921] Re: ARCI HB Sprint
Message-ID: <378A1DBB.564C@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Franco, Nicholas J wrote:

> Well I had a blast yesterday in the sprint and got to work several familiar
> calls including Ed - W1RFI and yes it sure sounded like he may have been
> using that trusty TT2 of his.

Hi, Franco,

Thanks for the contact, and, yes; that WAS the original Tuna Tin 2. I think I will use ONLY that rig on 40 meters for at least the rest of the year, so if you hear me again, it will be the TT2. Give me a shout when there is no contest so we can have a "real" QSO!

> When I heard Ed - I wanted to stay clear to give
> him some rock bound room to have fun.

And I sure do appreciate it, although QRM and close quarters are the norm for contests. I have three different crystals, but two of them are too "drifty" for my tastes; the TT2 runs pretty high xtal current, so "modern" crystals tend to drift a bit as their temperature changes. A very old FT-243 7040 kHz rock oscillates at 7039.4 reasonably well. I have tried a series capacitor, and it does swing the rock a bit, but it gets real chirpy. Besides, the only mod I have put in is one recommended in the original article, replacing a 56 ohm resistor with a 27 ohm resistor to get about 3 dB more power. I want to keep the original TT2 as original as it can be, after its long adventures. :-)

All told, I had 50 QSOs, all <1 W on 40 meters, rockbound. Even better, I had a good time. Thanks to all who worked me. QSL and certifi-cats will be sent out over the next week or so.

73,
Ed, W1RFI

Date: Mon, 12 Jul 1999 10:05:51 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-1@lehigh.edu
Subject: [44922] QRP vacation in 7-land
Message-ID: <378A206F.4500@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

We just got back from 7-land and I had a ball! 40 definitely sounds different (generally better) 400 mi north of my regular QTH. I got out

fairly well in spite of very low antennas (ended up being only 15 ft up). I used the two rigs going with us to Yosemite for the 9-day backpack trip and gave them a good test. Highlight QSOs were with W7ZOI (twice) and KB7MBI. Wes was using his original Ugly Weekender on the 2nd QSO and another homebrew creation on the first one. He happened to overhear my contact with NT6D near Weaverville CA (serious NVIS to get there, by the way) as we were discussing portable operating. NT6D had mentioned in passing that ZOI had written much on the subject, etc., and called us as we were signing later on! The NT6D QSO was NC40A to NC40A with 579 or better both ways via NVIS. Alan, KB7MBI, was booming in whereas he had always been puny down in the Bay area. I played with the MI QRP test but condx seemed marginal. But the next night, the SST/20m at 2W and the NC40A at 1.5W did fairly well in the Spartan Sprint last Monday. CONDX seemed to be very good that evening. A few days later, I operated very briefly from a volcanic peak near Sisters OR. Black Butte, elev 6436 ft, has a 360 degree panorama of the northern Cascades mtns and the plains to the east. My operating site had a beautiful view of Mt Hood 100 miles or so to the north. Unfortunately 20m didn't seem to be in nearly as good CONDX as the Monday previous and I was only able to make two contacts in the time I had on the peak: K2MQY and K1JD. I did hear IZ2BPR (I think it was) booming in but couldn't raise him.

It was great to be a 7 back in 7-land, at least for a while.

QTH 4July through 6 July: CN82lj, near Gold Hill OR (Jackson Cty)

8 July: CN94ej, Black Butte peak (summit) elev 6436, nr Sisters OR
(Jefferson Cty)

73

Allan K7GT

--

Allan Taylor K7GT

k7gt@arrl.net

Pleasanton CA CM97aq

...QRO, QRP, or barefoot.....

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FISTS 3222 ARS 228

DXCC and WAS 40/cw

<http://www.qsl.net/k7gt>

Date: Mon, 12 Jul 1999 13:00:52 -0500

From: "Brad Bradfield, PE" <b_bradfield@yahoo.com>

To: DDORN@CWIS.NET, qrp-1@lehigh.edu
Subject: [44923] Re: COMPUTER NOISE
Message-ID: <378A2D52.34711A4A@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Don and the group - -

I've had some of the same problems in my shack. Toroids help some, but do not get rid of all of it. Also of help is to reroute the computer cables to keep them as far away from rigs and their cables as possible.

I use a homebrewed Baycom modem for packet which uses a "sort of" RS-232 interface, and also have some radiated signal from the computer/Baycom interface cable. Again, a toroid helped, but rerouting the cable did the most good. OBTW, the cable was well shielded.

Oh, well.

Brad, W5CGH

Date: Mon, 12 Jul 1999 11:31:38 -0600
From: Larry East <w1hue@amsat.org>
To: qrp-1@lehigh.edu
Subject: [44924] Monitor RFI, etc.
Message-ID: <3.0.3.32.19990712113138.00921180@axp1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>From a recent post:

>I have a homebrew 10M xcvr which works FB but my computer wipes it out.
>It appears that the monitor is the culprit. I tried passing the
>computer/monitor cable through a torroid (FT 200-61), used a couple of
>turns, but it did not have any effect. Any suggestions are welcome.

I cured a similar problem years ago (my old Apple IIe monitor was causing havoc with my 2M packet station) by spraying the inside of the monitor case with conductive paint. Worked great! The paint was intended for "EMI shielding" and I got it from a long since forgotten electronics mail order house. It appears to contain graphite -- the resulting coating is not very conducting but it seems to produce a pretty effective RF shield. I've used

it for several other applications as well, and now I only have a little bit left. I can't find a similar product in the various catalogs that I have (Allied, Newark, Mouser, Digi Key, etc.). I can find silver and nickel conductive paint that is intended for circuit board repair, but using that for RF shielding would be pretty expensive! If anyone knows of a source of "EMI shielding" paint (preferably in a spray can), please post the info to the group, and please CC the info to me as I only read a occasional digest.

72/73, Larry W1HUE

Date: Mon, 12 Jul 1999 12:38:37 -0500
From: Rex E Pickett <heatherex@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [44925] Tentec Triton 4 Digital Info
Message-ID: <19990712.123849.-1028101.0.heatherex@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone have experience with this rig?
It has a drive control so I assume it can be
turned down to QRP levels.
Any thoughts/comments would be appreciated.

72, Rex, KA7NQK, Bellevue Nebraska

Date: Mon, 12 Jul 1999 14:19:04 -0400
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [44926] FS: Goodies!
Message-ID: <378A3198.E6A5F59E@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy gang!

I have an RCI 2950, 10m mobile rig for sale. It is in excellent condition. I have no manuals, or the original boxes, but I will see that it is properly packaged for shipment to your door. The rig operates flawlessly on 10m and I've gotten good reports when I've used

it in the shack. Price is \$225, shipping and insurance paid.

In addition, I have a complete HF station for sale. An Alinco DX 70TH (QRP Capable!) in nearly new condition, an MFJ 948 Versa Tuner2 antenna tuner, Alinco EMS-14 power desk mic and a WELZ CT-300 dummy load (also nearly new). I have the original box for the DX 70TH and I may be able to track down the box for the 948, but again, all items will be properly packaged for shipment and insured. Price for the package is \$925, shipping and insurance paid.

Please contact me personally, if you are interested.

73,
Erv

Date: Mon, 12 Jul 1999 10:24:46 -0800
From: Bruce Hopkins - KL7H <kl7h@arrl.net>
To: qrp-l@lehigh.edu
Subject: [44927] Smith Chart Program
Message-ID: <v03007800b3afe0608dbf@[208.161.166.78]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

I came across a Smith Chart program on the WXSat reflector that looks very useful... It is called "Pasan" and was written by Marien van Westen - PA0MVW for Windoze machines... There is also a "Fourier" and a "Attenuator" program on the same page...

The URL for this page is: <http://home.wxs.nl/~myrnout/eelek.html>

Hope that this is of some help to some of the group... Take care and have fun...

72 / 73 / oo's - Bruce - KL7H
Fairbanks, Alaska

"Alaska QRP Club" - Web Site: <http://home.gci.net/~bhopskins/akqrp>
- 10 Meter Beacon: 28.282.28+/- KL7AQC / BCN

Date: Mon, 12 Jul 1999 14:33:44 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "Homebrew Reflector" <homebrew@qth.net>
Cc: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [44928] 78H12
Message-ID: <NBBBJDEEIFDDANGEGHLBIEFCGEAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Does anyone recall the pinout of the T0-3 case 78H12 5A regulator? I can't find my notes on it. Is it the same as a "regular" T0-3 7812? Thanks.

72 / 73 Ed N4XY Elecraft K2 sn: 000057

Ed Tanton N4XY EMAIL: n4xy@arrl.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770) 971-0436

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

"Begin at the beginning... and go on until you come
to the end: then stop."

The White Rabbit, from "Alice In Wonderland"

Date: Mon, 12 Jul 1999 11:46:49 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: jparker@fix.net
Cc: qrp-l@lehigh.edu
Subject: [44929] Re: Ft. Tuthill, less than two weeks !

Message-ID: <199907121839.LAA10016@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:55 AM 7/12/99 -0700, you wrote:

>
>Ron Stark KU7Y tells me that ARCI will be adding
>a DSW40 (or band of choice) to the prize list, WOW !
>
>Mike Czuhajewski WA8MCQ says QRP ARCI will also add to
>that Three one-year subscriptions/renewals to the
>QRP Quarterly !
>
>Mike is also personally offering a subscription/renewal
>to NorCal's QRPP !
>
>New Jersey QRP Club is going to give away the last
>Fireball 40 QRPP Tx produced "s/n 600". They will even
>include the 1.5W Amp and TiCK Keyer options !
>

Add to the prize list, a WB9ZKY Island Memory Kit, to add memory to any electronic keyer, from MorseExpress/Milestone Technologies/OHR and Marshall Emm; a couple of QRP-L CD's from Roger Hightower N7KT.

Better get pre-registered....gonna be a big one!
72,73
Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Mon, 12 Jul 1999 13:07:11 -0500
From: "Chuck Adams K5FO" <adams@ticnet.com>
To: n4bp@bc.seflin.org
Cc: qrp-l@lehigh.edu
Subject: [44930] Re: [SETI@HOME]
Message-ID: <E113jMD-0004BS-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

On 9 Jul 99, at 8:36, Bob Patten wrote:

> I smell a "Miles/Watt" award. :-)
>
> 73,
>
> Bob Patten, N4BP

Small problem here Bob. Don't know what the original power level was. :-)

Someone asked about the QSL manager. Don't worry about that. When the program finishes processing a data packet, the results get sent back "home" and if you find ET two things will happen.

You will have the news media at your house before sundown and we'll all know what you look like. And you get a free trip overseas to pick up the Nobel Prize (at least that is the rumor, but don't know if that will get by the committee :-)).

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

Date: Mon, 12 Jul 1999 13:45:03 -0500
From: sholisky@ktca.org (Scott Holisky)
To: rules@bellsouth.net, qrp-1@lehigh.edu
Subject: [44931] Re: HW-8 BC Interference
Message-ID: <fc.000f548a00488430000f548a00488430.4887ba@ktca.org>
MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hi Randy - I cured my HW-8's BCI by taking action right after my antenna switch and grounding strap.

What I did was to take a 1/2" ferrite rod and winding about 20 turns of 174 coax around it. This is all mounted in a PVC tube with connectors on the ends. The purpose is to choke off any rf on the outside of the coax that would find it's way to the radio.

If your using a dc supply it would be a good idea to decouple the power leads in the same fashion.

My location is only 3 miles from KSTP AM , a 50 KW'er. They've gotten into

everything but the toaster..

Good Luck - Scott NOAR Vadnais Heights, MN

sholisky@ktca.org

Date: Mon, 12 Jul 1999 14:10:52 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-1@lehigh.edu
Subject: [44932] ITU contest
Message-ID: <199907121853.0AA08661@moose.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Howdy Gang,

Ya just gotta love these big contests. Conditions on 20M were pretty good Saturday night and worked 41 stations, 9 zones and 8 "HQ" stations. That's quite a bit better than my usual dozen or so durring one of these things.

Not *quite* legal QRP, as I was running the WM-20 with the 20 watt linear, but all I'm using for an atenna is a G5RV and didn't want to make them DX stations strain too much for my lousy point :-)

72,

Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Mon, 12 Jul 1999 15:05:32 -0400
From: "Dean Marzocca" <n2tnn@ifu.net>
To: <qrp-1@Lehigh.EDU>
Subject: [44933] Lat / Long conversion
Message-ID: <009801becc99\$84956b40\$7ce4e6d0@ifu.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi guys,

Just a quick question here in preparation for the up coming Bungle Bee excursion. I need to convert my coordinates from decimal to MM.SS

My map has my home listed as -74.57384 40.49971

My GPS has it listed differently like 74.01.56

I remember seeing a conversion here on the list but I can't find it when needed. I am just checking the accuracy of my unit so I don't get lost. Now, now, yes you can get lost in New Jersey.....

Thanks for the time. Please direct or post to the list if some one else has the same question.

Thanks,

72 Dean N2TNN, NNJ

n2tnn@ifu.net

Date: Mon, 12 Jul 1999 19:07:13 +0000
From: wd8civ@att.net
To: qrp-l@lehigh.edu
Message-ID: <1999071219071312253@webmail.att.net>
MIME-Version: 1.0
Content-Type: text/plain

> Thanks for the contact, and, yes; that WAS the original
> Tuna Tin 2. I think I will use ONLY that rig on 40
> meters for at least the rest of the
> year, so if you hear me again, it will be the TT2. Give
> me a shout when there is no contest so we can have a
> "real" QSO!

Ed,

Maybe you've said already, but I missed it - what do you use for a receiver when you're using the Tuna-Tin 2?

Dave, WD8CIV

Date: Mon, 12 Jul 1999 15:12:30 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [44935] WESTFLA meeting pictures
Message-ID: <378A3E1E.80733BB7@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For those who are interested, I got the pictures of Saturdays WESTFLA meeting up on the web page, along with some corrections. Please go to <http://www.qsl.net/westfla> for the details. It was so much fun, I'm still tingly all over ;-)
If you are near the Tampa area please come on by for our August meeting.

--
72 de KU4QO
Mike Maiorana
Palm Harbor, FL

"Has anyone seen my youthful exuberance? I must have misplaced it."
My friend replied:
"I think I saw your youthful exuberance heading toward Vegas in a new VW bug, with my free time riding shotgun and my trust for strangers in the back."

Date: Mon, 12 Jul 1999 19:25:26 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [44936] Antenna Deployment; wsn-40 net surprise.
Message-ID: <378A4126.4458@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang. I had a fun weekend. Hope you all did too.

They you lad, Nicholas/AD6IT and his dad, Bill found me at the park Saturday. Nicholas is an extra class ham with minimal operating time. My standing invitation to him was satisfied Saturday.

Nicholas got the grand tour while his dad took notes. Bill is looking forward to getting his ham license and they both got a first-hand feel for operating qrp/P.

They saw my bicycle portable setup and I shoed them the GM-20 and all my antenna storage/deployment devices. The vibroplex bug, though a bit heavy, goes everywhere I do, I explained and they liked the bug a lot.

Nicholas even threw the water bottle over a tree and sufficiently raised one end of the dipole. Though he needs to slow the line down so the bottle doesn't hit the ground so hard. <grin>.

The ZM-2 matched the antenna quite rapidly, and the qrp signals pounded loudly in the headphones as the pair can attest.

They were really excited at this point. Unfortunately I was unprepared to share the audio, next time I'll bring a speaker. Perhaps that radio shack cube speaker I've heard about. Hmmm, maybe I'll unpack the WE6W resonant speaker and really raise some eyebrows! Nicholas will get a chance to QNI the net on 8/7 upon my return from Yosemite as a bumble bee with K7GT. I hope to get Nicholas started with a 49er I'm building for him, unless he feels froggy enough to build it himself. Still awaiting his email reply on that one.

After the net I rested my back for 4 hours and then re-screened the patio sliding door, 4 windows, fixed two hinged cabinet doors and repaired the can crusher. Sunday was tough. My back was out last week and pain was creeping back. I build a kitchen drawer from spared wood and planed/milled and attached a new door jamb for the garage side door. My son won't be kicking his way in anymore when he forgets his key!

I worked the HB contest with the OHR-100 and GM-20. Only landed 16 q's total. Five on 20 meters. But not bad even if it had been only 1 qso. I set up under the redwoods in front of the family rental house. The shade and slight breeze was the best! It was about 92 degrees out and with a home-brew Big Gulp of soda, I was set for the contest. The antenna was up only 10 feet to 30 feet at the ends, but who cares. I had fun in my shady paradise on a hot day in July. Most of the Homebrew rigs were set close to 7040 KHz so I

tried not to QRM them, settling up or down a KC so they could hear the other HB stations which were rock bound.

With mom over her illnesses and the new QTH rental found, the family will get me back permanently, and at our new QTH which has a detached garage.... err, ham shack! Wahoo! That tree in the front yard beckons for one leg of my dipole!

I turned 41 today and I get to change the double edged razor blade in my razor. That's right, the sharpening technique I mentioned last year really worked. At 3 shaves a week, the blade got its last use today and tomorrow I crack open a new blade. 5 years for 5 blades....

Oh, the discarded bottom of a kitchen drawer is a near-perfect wood for wining your antenna or throwing string onto. Made a couple of new ones Sunday.

Now THAT is incorporating radio into everyday activities? Eh?

72 all and wish us luck in the QTH QSY.

-Ed Loranger we6w/6

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068

72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: 12 Jul 99 12:45:34 PDT
From: Michael Fletcher <kl7ixi@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [44937] Re: [SETI@HOME]]
Message-ID: <19990712194535.12723.qmail@nwcst286.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

I smell a "Miles/Watt" award.

I read a science fiction short story in Analog years ago that predicted how the contact will be made.

A New Yorker, frustrated at how long mail took to get across town realized

that the further away the addressee was the faster the mail arrived.

After some analysis and barley therapy he addressed a letter to "Post Master,
Alpha Centauri" and mailed it off.

Once the key to it all was recognized, the galactic delegation arrived there
next day.

Which polarization works best through a Worm Hole -- clockwise or counter-
clockwise?

And remembering humor, does anyone remember the humorous antics of the
"armchair operator" that featured monthly in CQ during the '60s and early-
'70s? Wish that sort of levity still existed in today's Ham pulps.

72,
Mike KL7IXI/4

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

Date: Mon, 12 Jul 1999 15:53:59 -0400
From: "Dean Marzocca" <n2tnn@ifu.net>
To: "Nathan Gordon" <nathang@bigfoot.com>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [44938] Re: Lat / Long conversion
Message-ID: <00a201becca0\$496a75e0\$7ce4e6d0@ifu.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nathan,

Super job. Thanks! It is perfect, or should I say the GPS is perfect. I did the math and the numbers on my map translated into the exact numbers on the GPS display. All that proved something, that the GPS is accurate, the map-it web site was right or that my mind still works because I turned on the GPS

and read the screen. Your comments and help just proved it all.

Thanks again for the help.....this just makes the tiny state of NJ just that much more cozy.....

Thanks, Dean N2TNN NNJ

n2tnn@ifu.net

turf_man@yahoo.com

dean@deanslawn.com

----- Original Message -----

From: Nathan Gordon <nathang@bigfoot.com>

To: <n2tnn@ifu.net>

Sent: Monday, July 12, 1999 3:36 PM

Subject: Re: Lat / Long conversion

> Take a look at this page.

> <http://www.ento.vt.edu/STS/project/manuals/dms.html>

>

> Hope that helps.

>

> 73,

> KF9LI

>

> ----- Original Message -----

> From: Dean Marzocca <n2tnn@ifu.net>

> To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

> Sent: Monday, July 12, 1999 2:05 PM

> Subject: Lat / Long conversion

>

>

> Hi guys,

>

> Just a quick question here in preparation for the up coming Bungle

> Bee

> excursion. I need to convert my coordinates from decimal to MM.SS

>

> My map has my home listed as -74.57384 40.49971

>

> My GPS has it listed differently like 74.01.56

>

> I remember seeing a conversion here on the list but I can't find

> it when

> needed. I am just checking the accuracy of my unit so I don't get

> lost. Now,

> now, yes you can get lost in New Jersey.....

>

> Thanks for the time. Please direct or post to the list if some one
> else has
> the same question.
>
> Thanks,
>
> 72 Dean N2TNN, NNJ
>
> n2tnn@ifu.net
>
>
>
>
>
>
>
>

Date: Mon, 12 Jul 1999 16:05:06 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: Chuck Adams K5FO <adams@ticnet.com>
Cc: qrp-l@lehigh.edu
Subject: [44939] Re: [SETI@HOME]
Message-ID: <Pine.3.89.9907121514.B19683-01000000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Jul 1999, Chuck Adams K5FO wrote:

>
> Small problem here Bob. Don't know what the original power
> level was. :-)
Not a problem, Chuck, I will just ask ET. Of course he's already dust by
the time I get his CQ and his planet may be dust by the time my reply
reaches it. We've got to get past this speed limit of light! Does QRO
travel faster than QRP? Shouldn't even joke about that, I see yet
another useless thread. :-)
>
> You will have the news media at your house before sundown and
> we'll all know what you look like. And you get a free trip
So that's what all the commotion was at my front door this morning. I
thought it was several of the neighbors come to complain about TVI. :-)

73,

Bob Patten, N4BP , ' ' ' , (0 0) Plantation, FL

-----o00o-()-o00-----

E-Mail: n4bp@bc.seflin.org
Web Page: <http://wg104a.wh.uni-stuttgart.de/~n4bp>
Brass Pounder BBS: (954) 472-7715

Date: Mon, 12 Jul 1999 16:14:25 -0400 (EDT)
From: Francis Flynn <fflynn@together.net>
To: Ed Tanton <n4xy@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44940] Re: 78H12
Message-ID: <Pine.SOL.4.10.9907121612030.17941-1000000@sea.shell.together.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The case is ground, if you are looking at the bottom with the 2 pins near the top, the left one, pin1 is input, the right pin is output.

On Mon, 12 Jul 1999, Ed Tanton wrote:

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: 78H12
>
> Does anyone recall the pinout of the T0-3 case 78H12 5A regulator? I can't
> find my notes on it. Is it the same as a "regular" T0-3 7812? Thanks.

Date: Mon, 12 Jul 1999 16:24:52 -0400
From: "Mike Czuhajewski" <wa8mcq@erols.com>
To: "QRP forum" <qrp-l@lehigh.edu>
Cc: "wa8mcq" <wa8mcq@erols.com>
Subject: [44941] TX-1 caution
Message-ID: <199907122028.QAA32621@xanadu.evi-inc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just a word of "warning" to whoever snapped up the TX-1 just offered for sale, in case they don't know this already. I bought a pair of the TenTec MR-1 module sets when they first came out in the late 60's, which included

the TX-1, and that transmitter was a rather simple thing with a very minimal tuned circuit on the output. It does not have any significant harmonic reduction features, and anyone who wants to put one of them on the air would do well to put at least a 5 pole pi network low pass filter on the output. I've never had the chance to put one on a spectrum analyzer--maybe K3TKS will loan me his for a while to do that--but I do remember that they were the most amazing, prolific TVI and BCI generators I'd seen in some time :-). And that was running a watt or two of output, no less. Remember, "QRP" does not necessarily equal "clean signal" :-)

And while we're at it--there are a lot of QRP transmitter circuits around in old magazines and books that use just a simple tuned circuit on the output and no harmonic filtering. One would be well advised to always follow those with a suitable low pass filter designed for the same band, to keep them FCC-legal. (Don't just follow them with one of those big low pass filters they sell to put on the output of your big rig since those will pass everything up to 30 MHz or so before rolling off; you need a band-specific filter, and the ARRL handbook has tables that give a wide variety of designs for both 5 and 7 pole filters.)

73 and queue our pea DE WA8MCQ

Date: Mon, 12 Jul 1999 15:27:16 -0500
From: "Randy Jouett" <rules@bellsouth.net>
To: <qrp-l@lehigh.edu>, "Scott Holisky" <sholisky@ktca.org>
Subject: [44942] Re: HW-8 BC Interference
Message-ID: <004701becca5\$363cb190\$8166d6d1@spock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

72/73,

Randy Jouett, AB5NI

-----Original Message-----

From: Scott Holisky <sholisky@ktca.org>
To: rules@bellsouth.net <rules@bellsouth.net>; qrp-l@lehigh.edu
<qrp-l@lehigh.edu>
Date: Monday, July 12, 1999 1:43 PM
Subject: Re: HW-8 BC Interference

>Hi Randy - I cured my HW-8's BCI by taking action right after my antenna

>switch and grounding strap.

>

>What I did was to take a 1/2" ferrite rod and winding about 20 turns of
>174 coax around it. This is all mounted in a PVC tube with connectors on
>the ends. The purpose is to choke off any rf on the outside of the coax
>that would find it's way to the radio.

Thanks for the info, Scott. I'll give this a try and see what happens.

>If your using a dc supply it would be a good idea to decouple the power
>leads in the same fashion.

This is a good idea, Scott. My father (W5VXQ, SK) built a device that jacks into the wall socket that does this, but I can't find it anywhere.

I'm pretty sure that my mom gave it away, though. We had a hamfest here in town, and she asked some of my dad's friends to come over and haul this radio junk away, sell it, and bring her back the money. Needless to say, she gave around \$10,000.00 of gear and was given back \$300.00. I'm still not talking to the hams that went over and picked up 95% of my dad's stuff up. I was left with the junk, of course.

>My location is only 3 miles from KSTP AM , a 50 KW'er. They've gotten into
>everything but the toaster..

Hmmm. A single-channel station in the back yard, huh? Man -- I thought I had it rough!

72/73,

Randy Jouett, AB5NI

Date: Mon, 12 Jul 1999 16:34:01 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-l@lehigh.edu
Subject: [44943] K8IQY Webpage Moved
Message-ID: <3.0.1.32.19990712163401.00726110@mail49.cwix.com>
MIME-version: 1.0

Content-type: text/plain; charset="us-ascii"

Gang....don't know about you guys and gals, but I was getting really tired of the "commercials" popping up on the screen with the page running at Tripod. S00ooo, I moved it to qsl.net.

Here is the new URL: www.qsl.net/k8iqy

I hope I got it moved intact. I did some checking this morning, and everything looked ok, but I may have missed something. The visitor counter wasn't working correctly, so I turned that off until I get it setup right.

72 and happy 2N2/40 etc. building.....Jim, K8IQY

Date: Mon, 12 Jul 1999 13:55:37 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Bob Patten <n4bp@bc.seflin.org>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [44944] Re: [SETI@HOME]
Message-ID: <Pine.GS0.4.10.9907121352420.23507-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 12 Jul 1999, Bob Patten wrote:

> We've got to get past this speed limit of light! Does QRO
> travel faster than QRP?

Geeeeesssh Bob,

I thought you already knew.... it's NOT the power that makes it travel faster, it the code speed....

This is why the top scoring contestors send so fast....the exchange gets there faster and they make more contacts!

Ron, KU7Y

Date: Mon, 12 Jul 1999 17:02:17 -0400
From: "Frank Matthews" <fmathews@pilot.infi.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [44945] Code Practice CD
Message-ID: <002b01becca9\$d3c699e0\$4f0a61d1@fmathews>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellow QRP-Lers,

A few people have mentioned a code practice CD put out by a member of the group but I don't remember the particulars. I think it may have been "produced" by Chuck Adams but did not see a reference to it on his homepage.

Thanks and 72,

Frank

End of QRP-L Digest 1516

